C
B465H
1922/23

Educ L3440.405

BETHANY COLLEGE BULLETIN

VOL. XV MARCH, 1922 NO. 2

Catalogue and Announcements 1922 and 1923

PUBLISHED BY
BETHANY COLLEGE, BETHANY, WEST VIRGINIA
MARCH, NINETEEN TWENTY-TWO
Entered as Second Class Matter at Bethany Post Office
Accepted for mailing at special rate of postage provided for in section 1108, Act of October 3, 1917, authorized August 2, 1918.

Bethany College Bulletin

1922 and 1923

BETHANY COLLEGE

Founded 1841

Bethany, West Virginia

Published by Bethany College, Bethany, West Virginia
March, 1922

HARVARD COLLEGE LIBRARY
BY EXCHANGE, FROM
BROWN UNIVERSITY LIBRARY
Oct 6, 1933

CALENDAR FOR 1922 AND 1923

1922

JANUARY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

FEBRUARY

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28				

MARCH

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

APRIL

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

MAY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

JUNE

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

JULY

S	M	T	W	T	F	S
2	3	4	5	6	8	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

AUGUST

S	M	T	W	T	F	S
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

SEPTEMBER

S	M	T	W	T	F	S
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

OCTOBER

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

NOVEMBER

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		

DECEMBER

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

1923

JANUARY

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

FEBRUARY

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

MARCH

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

APRIL

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

MAY

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

JUNE

S	M	T	W	T	F	S
					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	23
24	25	26	27	28	29	30

JULY

S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

AUGUST

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

SEPTEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

OCTOBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

NOVEMBER

S	M	T	W	T	F	S
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

DECEMBER

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

COLLEGE CALENDAR

1922 ——— 1923

FIRST SEMESTER

September 12—Tuesday—Registration Day.

September 12—Tuesday—Entrance Examinations.

September 13—Wednesday—Recitations Begin.

November 10—Friday—Mid-Semester Reports.

November 18—Saturday—Home Coming.

November 29—Wednesday 3:30 P. M.—Thanksgiving Recess Begins.

December 4—Monday 8:00 A. M.—Thanksgiving Recess Ends.

December 16—Saturday 3:30 P. M.—Christmas Vacation Begins.

January 3—Wednesday 8:00 A. M.—Christmas Vacation Ends.

January 29-31—First Semester Examinations.

SECOND SEMESTER

February 1—Thursday—Registration Day.

February 2—Friday—Recitations Begin.

February 22—Washington's Birthday.

March 30—Friday—Mid-Semester Reports.

March 30—Friday 3:30 P. M.—Easter Recess Begins.

April 5—Thursday 8:00 A. M.—Easter Recess Ends.

May 30—Wednesday—Memorial Day.

June 7-9—Second Semester Examinations.

June 10—Baccalaureate Sermon.

June 11—Monday—College Band Concert, 8:00 P. M.

June 12—Tuesday—Annual Meeting of Board of Trustees.

June 12—Tuesday—Merry Masquers, 8:00 P. M.

June 13—Wednesday—Music Concert, 8:00 P. M.

June 14—Thursday—Annual Commencement.

EXECUTIVE COMMITTEE OF BOARD OF TRUSTEES

M. M. Cochran, *Chairman*

Thomas W. Phillips, Jr.	Wylie W. Beall
William H. Graham	W. D. Turner
A. E. McBee	Ben Johnson
Sam J. Reno, Jr.	R. M. Addleman

OFFICERS OF THE BOARD

Cloyd Goodnight, *President*

W. H. Cramblet, *Treasurer* M. V. Danford, *Secretary*

BOARD OF TRUSTEES

TERM EXPIRES JUNE, 1924

THOMAS W. PHILLIPS---*Butler, Pa.*
W. E. PIERCE---*Cameron, W. Va.*
EARL WILFLEY, LL.D.---*Washington, D. C.*
OLIVER C. VODREY---*East Liverpool, Ohio*
WYLIE W. BEALL---*Wellsburg, W. Va.*
EARL W OGLEBAY, LL.D.---*Cleveland, Ohio*
BEN S. JOHNSON---*Steubenville, Ohio*
F. C. MCMILLAN---*New York, N. Y.*
L. T. MORLAN---*Beaver, Pa.*
R. A. BALDERSON---*Pittsburgh, Pa.*

TERM EXPIRES JUNE, 1923

P. H. WELSHEIMER---*Canton, Ohio*
HON. WILLIAM H. GRAHAM---*Pittsburgh, Pa.*
HON. OLIVER S. MARSHALL---*New Cumberland, W. Va.*
CAMPBELL JOBES---*Wheeling, W. Va.*
SAMUEL GEORGE---*Wellsburg, W. Va.*
A. E. MCBEE---*New York, N. Y.*
W. C. PENDLETON---*Warren, Ohio*
W. D. TURNER---*Cleveland, Ohio*
W. F. FREDERICK---*Uniontown, Pa.*
L. D. MERCER---*Bowling Green, Ohio*

TERM EXPIRES JUNE, 1922

J. E. CURTIS---*Lexington, Ky.*
HON. M. M. COCHRAN, LL.D.---*Uniontown, Pa.*
FRANK H. MAIN---*Philadelphia, Pa.*
JUDGE L. T. FARR---*Lisbon, Ohio*
J. L. KENDALL---*Pittsburgh, Pa.*
BENJAMIN IRVIN---*Big Run, Pa.*
Z. TAYLOR VINSON---*Huntington, W. Va.*
S. J. RENO, JR.---*Pittsburgh, Pa.*
JUDGE J. B. SOMMERVILLE---*Wheeling, W. Va.*
JUDGE R. M. ADDLEMAN---*Wheeling, W. Va.*

OFFICERS OF ADMINISTRATION

Cloyd Goodnight, A.M., D.D., *President.*

Albert Clinton Workman, A.M., M.Sc.,
Assistant to the President

Jessie Althea Smith, Ph.B., *Dean of Women.*

Wilbur Haverfield Cramblet, A.M., Ph.D., *Treasurer.*

Miletus Vespasian Danford, A.B., *Bursar.*

James Walter Carpenter, A.M., B.D., *Registrar.*

Joshua Allen Hunter, A.M., Ph.D.,
Director of Summer School

Anna Mary Kemp, A.B., *Librarian.*

Thomas Hawley Howes, B.S.A.,
Supt. of Buildings and Grounds

FACULTY*

Cloyd Goodnight, A.M., D.D., *President of the College.*
A.B., A.M., Butler College; University of Chicago; D.D., University of Pittsburgh.

Jean Conrodi Moos, A.M., Mus.D., *Director of Music and Professor of Piano, Pipe Organ and Theory.*
College of Music, Zurich; Royal Conservatory of Music, Leipsic; A.M., Mus.D., Bethany College; Columbia University.

Anna Ruth Bourne, A.M., *Professor of English.*
King's College, London; Oxford University; A.B., Bethany College; A.M., Columbia University.

Albert Clinton Workman, A.M., M.Sc., *Professor of Chemistry and Assistant to the President.*
Ph.B., A.M., Hiram College; M.Sc., Ohio State University; University of Wisconsin.

Ebenezer Lee Perry, A.M., *Professor of Latin.*
A.B., A.M., Bethany College; Yale University; Columbia University.

Pearl Mahaffey, A.B., *Professor of Modern Languages.*
A.B., Miami University; Student Alliance Francaise, Paris; Columbia University.

Frank Roy Gay, A.M., *Professor of Greek.*
A.B., A.M., Drake University; University of Virginia; A.M., University of Chicago.

Henry Newton Miller, A.M., *Moninger Professor of Bible School Pedagogy.*
A.B., A.M., Bethany College; Yale University.

Wilbur Haverfield Cramblet, A.M., Ph.D., *Professor of Mathematics.*
A.B., Bethany College; A.M., Ph.D., Yale University.

---

*With exception of the President, members of the faculty are arranged in order of seniority of appointment.

Hall Laurie Calhoun, B.D., Ph.D., *T. W. Phillips Professor of Old Testament Language and Literature.*

A.B., Kentucky University; B.D., Yale University; Ph.D., Harvard University.

James Walter Carpenter, A.M., B.D., *Professor of New Testament and Christian Doctrine.*

A.B., A.M., Butler College; B.D., Yale University.

Jessie Elizabeth Acker, B.S., *Associate Professor of Home Economics.*

B.S., University of Kentucky; Columbia University.

Goldia Butzer, A.B., *Director of Physical Education for Women.*

A.B., University of Illinois; University of Chicago.

Joshua Allen Hunter, A.M., Ph.D., *Professor of Education and Director of Summer School.*

B.Ped., Millersville State Normal; A.B., A.M., Pennsylvania State College; Yale University; Clark University; Ph.D., Kansas City University.

Andrew Leitch, A.M., Ph.D., *Sarah B. Cochran Professor of Philosophy.*

A.B., A.M., Butler College; Ph.D., Yale University.

William Kirk Woolery, A.M., *Professor of History and Economics.*

A.B., Bethany College; A.M., University of California; Johns Hopkins University.

John Calvin Pomeroy, A.M., *Professor of Physics.*

A.B., Queen's University; A.M., Princeton University; McGill University; State University of Iowa.

Bernal Robinson Weimer, A.M., *Professor of Biology.*

A.B., A.M., University of West Virginia; University of Chicago.

Francis Marion Rast, M.Sc., *Professor of Agriculture.*

B.S., Clemson College; M.Sc., University of Wisconsin.

Irvin Taylor Green, A.M., B.D., *Assistant Professor of Biblical Doctrine.*

A.B., Transylvania College; A.M., B.D., Bethany College; University of Chicago.

Rudolph Leopold Hering, Ph.B., *Assistant Professor of Modern Languages.*

Oshkosh State Normal; Ph.B., University of Chicago; University of Munich; University of Grenoble.

Arthur J. Yaney, M.Sc., *Assistant Professor of Chemistry.*

A.B., Ohio Wesleyan University; M.Sc., Ohio State University.

Ralph Winfield Garrett, A.M., *Assistant Professor of History.*

A.B., Milligan College; A.M., Columbia University.

Vista Clayton, A.M., *Assistant Professor of English*

A.B., A.M., Indiana University.

Jessie Althea Smith, Ph.B., *Dean of Women and Assistant Professor of Education.*

Ph.B., Bethany College; California State Teachers College.

Anna Mary Kemp, A.B., *Librarian.*

A.B., Bethany College.

Katharine Freese, *Assistant Professor of Vocal Music.*

College of Music Teachers in Cincinnati; Institute of Musical Art, New York City.

Donald Lewis Boyd, A.B., *Graduate Manager of Athletics.*

A. B., Bethany College.

Roy Alexander Easterday, D.D.S., *Head Coach.*

D.D.S., University of Pittsburgh.

Lella Mullendore Garrett, *Instructor in Art.*

Valparaiso University.

Mac Ryan, *Assistant in Chemistry.*

Carl Francis, *Assistant in Chemistry.*

Clara Snyder, *Assistant in Biology.*

STANDING COMMITTEES OF THE FACULTY FOR 1922-1923

Athletics: Mr. Workman, Mr. Boyd, Mr. Hunter, Mr. Woolery, Mr. Cramblet.

Credentials: Mr. Gay, Mr. Yaney, Mr. Pomeroy.

Entertainments: Mr. Miller, Mr. Weimer, Miss Smith, Miss Mahaffey, Miss Butzer.

Fraternities: Mr. Perry, Mr. Miller, Miss Acker, Miss Mahaffey.

Library: Mr. Calhoun, Mr. Leitch, Mrs. Bourne.

Oratory and Debate: Mr. Calhoun, Mr. Garrett, Miss Clayton.

Registration: Mr. Carpenter, Mr Workman, Mr. Woolery, Mr. Hunter, Mr. Leitch, Mr. Rast, Mr. Green.

Schedule: Mr. Goodnight, Mr. Workman.

Student Publications: Mrs. Bourne, Mr. Woolery, Miss Clayton.

GENERAL INFORMATION

ORIGIN

Buffalo Seminary, the fore-runner of Bethany College was inaugurated at Bethany, W. Va., in the year 1818 in the home of Alexander Campbell, commonly known as the Mansion. Here Mr. Campbell offered educational advantages for the youth of the community as well as training for young men in the work of the Christian ministry.

In 1840 Bethany College was chartered by the state of Virginia, through the efforts of John C. Campbell of Wheeling, W. Va. Its first donation was a $1,000 legacy made by Philip B. Pendleton of Virginia. The campus was donated by the first President of the College, Alexander Campbell, who on his own responsibility began at once the erection of a commodious brick building for the use of the College. The first session opened in October, 1941.

LOCATION

Bethany College is situated in the Pan Handle of West Virginia, seven miles southeast of Wellsburg, fifteen miles north of Wheeling and forty miles south of Pittsburgh. Being as it is, almost one thousand feet above sea level and surrounded by picturesque and inspiring scenery, the location is considered very attractive and healthful. The village in which the college is located is easily accessible, being connected with Wellsburg by an interurban line. At Wellsburg connection is made with traction lines for Steubenville, Wheeling and other Ohio River points and also with the Pennsylvania Lines R. R. Brilliant, Ohio, just across the Ohio River from Wellsburg, is situated on the Cleveland and Pittsburgh railroad.

BUILDINGS AND GROUNDS.

The College Campus—The college campus, containing about fifty acres, overlooks the beautiful Buffalo Creek. A well kept lawn, concrete walks, tennis courts, attractive entrance gates and hundreds of trees and shrubs give the campus a park-like appearance. These beautiful surroundings have a cultural advantage for students which should not be overlooked.

The Main College Building—The main college building stands on an elevation in the center of an attractive campus. It is an imposing structure of Gothic architecture and is well adapted to the purpose for which it is used. It contains numerous class rooms besides a beautiful college chapel and two literary society halls. Along the west side and running the entire length of the building is the Corridor, an open promenade 310 feet in length.

The E. W. Oglebay Hall of Agriculture—This hall was donated to the college by Earl W. Oglebay of Cleveland Ohio. The corner stone was laid June 7, 1911. The building is used for the teaching of science and agriculture. It contains chemical, physical, biological and agricultural laboratories, a chemical supply room, several class rooms and the college administration offices. The class rooms and laboratories of the Home Economics Department occupy all the third floor. The style of architecture is Tudor Gothic and harmonizes with the Main College Building.

Carnegie Library Building—This building is 95 feet wide and is constructed of brown pressed brick with Berea sandstone trimmings. The interior is finished with polished oak and presents a very attractive appearance. On the first floor is a large social and banquet room which has been made very attractive through the generosity of the late Mrs. E. W. Oglebay. The second floor is given over to the library proper and contains reading rooms and the book stack room which is furnished with steel shelving. On the third floor are four large rooms well adapted for class and lecture rooms.

The Percy B. Cochran Hall—This new dormitory was donated to the college by Hon. M. M. Cochran of Uniontown, Pa., in 1910, as a memorial to his son, Percy B. Cochran. The building is four stories high. The first story is used for dining room and kitchen and living rooms for the governor of the hall. The other floors are used as rooming places for young men. The building is of fireproof construction and built on the latest improved plan. The second and third floors are arranged in suites. In each suite there is a study room, and adjoining this study room there are two bedrooms. Two young men are supposed to occupy a suite of rooms. The building throughout is heated with steam and supplied with shower baths, sewerage, electric lights and all modern conveniences.

The Irvin Gymnasium—This strictly modern gymnasium was donated by the Irvin family of Big Run, Pa, The building, being of Gothic architecture, is in harmony with the main college building. It is 100 feet in length and 52 feet in width and is equipped with swimming pool 20 x 40 feet, shower baths, team rooms, coach room, trophy room, lecture room, janitor's living room, lockers and track, in addition to the main gymnasium floor.

Phillips Hall—This dormitory, donated by the late Hon. Thomas W. Phillips, Sr., of New Castle, Pa., is stately and commodious, heated with steam and altogether adapted to the needs and conveniences of young ladies. Very recently several thousand dollars have been expended on improvements in this building. It has a capacity for sixty roomers. There is a large dining room on the first floor for the use of lady students and teachers. In this hall are also the rooms of the Dean of Women, who has direct supervision over all the lady students of the college. An earnest effort is made to make this hall a pleasant and attractive home for young ladies.

The Cochran Central Heating Plant—The college came into possession of this building and its equipment through the generosity of Hon. M. M. Cochran of Uniontown, Pa, Eight college buildings, the Bethany Memorial Church and

several dwelling houses which belong to the college are adequately heated from this source. Coal, taken from grounds owned by the college, is delivered by miners direct to the storage room of the plant without the labor of rehandling.

Commencement Hall—This hall, which has been utilized for a few years as a dormitory, is to be remodeled. The walls are to be repointed and new windows installed at once. The building will contain a large auditorium, some classrooms, a physics laboratory, etc. The inside construction work will be started in the early summer.

Pendleton Heights—A short distance to the north of the Main Building on the campus is the home of the President, known as Pendleton Heights. This building was erected by W. K. Pendleton, second President of Bethany College, and is admirably suited to its intended purpose.

Apartment Houses and Other Dwellings—The college owns two apartment houses and eight other dwellings for the use of married students and people connected with the college. One of these dwellings is situated on the campus and was formerly owned and occupied by the late Professor A. C. Pendleton. One is used by one of the sororities of the college. Four of the others are five room cottages recently built and modern in every respect. These cottages rent for $18 a month. The suites of the apartment houses furnish very satisfactory homes for married students and rent for $150 a year with heat and water furnished.

The College Farms and Farm Buildings—Through the generosity of E. W. Oglebay of Cleveland, Ohio, Bethany College now owns the Alexander Campbell farm of 205 acres. At Mr. Oglebay's expense many improvements have been made on this farm, including a large, round dairy barn eight-six feet in diameter, and a creamery building. By a deed bearing date of April 7th, 1914, Miss Margaretta E. Parkinson has given to the college the farm of 261 acres adjoining the college grounds on the north. Two other tracts of land are owned by the college, making a total of 535 acres that are available for use of the Department of Agriculture.

LIBRARY AND READING ROOMS

The college library is housed in Carnegie Library Building. The collection of books is growing. Many new volumes have been recently purchased. A definite appropriation has been secured, making it possible to add one or two thousand volumes each year. The best periodicals, including some of the leading dailies and weeklies, as well as monthly and quarterly magazines and journals come regularly to the Reading Room tables.

LABORATORIES

Chemical Laboratories—The chemical laboratory rooms, chemical store room and balance room are situated on the second floor of Oglebay Hall of Agriculture. The main chemical laboratory is provided with 160 lockers and will accommodate 80 students working at one time. These laboratories are equipped with modern apparatus for various kinds of chemical work.

Physics Laboratory—The physics laboratory is on the first floor of the Oglebay Hall and is equipped with the necessary laboratory furniture and apparatus for demonstration and general experimental work.

Biological Laboratory—The biological laboratory is situated on the second floor of Oglebay Hall of Agriculture. This laboratory is equipped with compound microscopes and other apparatus needed for work in general biology, plant morphology, plant physiology, plant pathology, general zoology, entomology and bacteriology.

Agricultural Laboratories—The Oglebay Hall of Agriculture contains laboratories for various kinds of Agricultural work.

ENDOWMENTS

The M. M. Cochran General Endowment—On January 25, 1921, Hon. M. M. Cochran of Uniontown, Pa. gave Bethany College $500,000 to be known as the M. M. Cochran General Endowment Fund. This amount was paid at once and has made possible the attainment of high aims in the academic work of the college.

Endowment of Office and Chair of the President of Bethany College—Hon M. M. Cochran of Uniontown, Pa. has donated to the college $100,000 as an endowment of the office and chair of the President of the college.

Mrs. Sarah B. Cochran of Dawson, Pa. has generously contributed $25,000 for the endowment of a chair to be known as the Sarah B. Cochran Chair of Philosophy.

Hon. Thomas W. Phillips, Sr., of New Castle, Pa., gave $30,000 to endow a chair in Bethany College to be known as the Thomas W. Phillips Bible Chair.

Herbert Moninger Memorial Chair of Bible School Pedagogy—Through the interests and generosity of many Bible Schools, churches and individuals, a fund of $25,000 has been given to the college for the endowment of the Moninger Memorial Chair of Bible School Pedagogy.

George T. Oliver Endowment—The late Senator George T. Oliver of Pa., an alumnus of the college, gave $25,000 to the Permanent Endowment Fund and left by bequest an additional $25,000 which is soon to be transferred to the college by the estate.

The Thomas W. Phillips, Jr. Endowment—T. W. Phillips, Jr., of New Castle, Pa., has generously donated to the college $39,000 and an additional $15,000 is to be added to this amount.

STUDENT AID AND SELF HELP.

Scholarships—Earl W. Oglebay of Cleveland, Ohio offers five scholarships to students majoring in Agriculture. Each of these scholarships is worth one hundred dollars a year.

Twenty other friends of Bethany have endowed scholarships in the college, most of which are worth $30 a year. Some of these are in the hands of the donors or their heirs and some have been placed in the hands of the President of the college for assignment.

Phillips Loan Fund—A few years ago the Hon. Thomas W. Phillips of New Castle, Pa., generously donated to the trustees the sum of five thousand dollars, to be loaned to students of Bethany who are preparing for the ministry. The original fund as thus constituted has since been considerably increased by other generous gifts and by accrued interest. From this fund loans may be obtained by ministerial students on complying with the conditions of the loan. Application should be made to the President in writing. Personal or other approved security is required of those borrowing from the fund. No student is loaned more than one hundred dollars per year. The fund now amounts to more than $12,000.

Student Employment—Work on the college farms and other work about the college affords opportunities to a number of young people to earn money to meet part of college expenses. No student can depend, however, on earning more than enough to pay board. Work is not promised to all who apply, and such as show a disposition to shirk in the performance of duties are not considered.

Student Preaching—Ministerial students are frequently called to fill pulpits within easy reach of Bethany. A number of our students preach regularly for near-by churches, and thus, in addition to the good they do for others, earn funds to meet their college expenses. We recommend, however, that no student below the junior year preach oftener than alternate Sundays.

STUDENT ACTIVITIES

Athletics—It is the purpose of the work in Physical Education at Bethany College to assist the students in keeping their bodies in the best possible physical condition. Physical training for both men and women is provided. Regularly organized classes in gymnasium and open air training are maintained. A minimum of two hours per week in gymnasium or field is required of those who are found by examination to be physically able. In connection with the work for men, intercollegiate teams are developed and maintained in football, baseball, basketball, tennis and track and field athletics. Many games with athletic clubs and college teams are staged during the year. An athletic fee of $7.00 per year is charged each student and this admits the student to all athletic contests.

The athletics of the college is under the supervision of a Board of Athletic Control made up of the Graduate Manager of Athletics, four members of the faculty appointed by the President of the college, four members of the alumni and four members of the student body, chosen by the faculty. The President of the college is ex-officio member of the Board. The captains of football, basketball, baseball and tennis are chosen by the teams themselves. Student managers of athletics are chosen by the Board. The Athletic Board reserves the right to remove any captain or manager for cause, at any time.

Student Council—The students of Bethany College have organized a Student Council for the purpose of promoting student interests and helping with the various phases of the life of the college. Matters pertaining to debating, athletics, student behavior and other general college matters are given attention. This council co-operates with the administration in every way.

Student Publications—The students publish the Bethany Collegian, a bi-weekly devoted to the interests of the college. The Bethany Harbinger is issued as a quarterly.

It is devoted to the interests of the Alumni, the more general interests of the college and those many factors in the life of the Disciples that center in Bethany. Annually a publication called The Bethanian is issued under the more direct supervision of the Senior Class. A publication fee of $6.00 a year is charged each student and this entitles the student to free copies of publications.

Literary Societies—There are in connection with the college three societies devoted to the cultivation of literary composition and oratory—the Neotrophian, the Adelphian and the American Literary Institute. Every student of the college is urged to become a member of one of these societies.

Oratorical Association—Bethany holds membership in two oratorical associations—the Interstate, including colleges of Western Pennsylvania Eastern Ohio and Bethany in West Virginia, and the State Intercollegiate Oratorical Association. The Oratorical Association within the college, with the approval of the Faculty, conducts its own contests for the selection of its representatives in these intercollegiate contests.

Debating Contests—Each year teams from Bethany College meet teams from near-by colleges. This intercollegiate debating affords the best of opportunities for student development.

Christian Associations—The Y. M. C. A. and Y. W. C. A. both have a large and active membership among the students and are doing good work. Students are urged to become affiliated with one of these associations. One phase of the work of the Y. M. C. A. is to offer a course of lectures each year thus affording students the benefit of some of the best platform talent of the country. In addition to the regular lecture course, interesting and instructive lectures and entertainments are given by prominent people from time to time under the auspices of these associations and other organizations of the college.

Volunteer Mission Band—There is in the college a flourishing Volunteer Missionary Band, which is a strong factor in developing missionary spirit.

Ministerial Association—This association is made up of young men of the Ministerial Department who are engaged in the work of the ministry. Semi-monthly meetings are held, at which meetings vital problms relating to the ministry are discussed.

Fraternities—The following Greek letter fraternities are represented at Bethany: Beta Theta Pi, Kappa Alpha, Sigma Nu, Alpha Phi Epsilon, Tau Kappa Alpha, Rechabites, Alpha Xi Delta, Zeta Tau Alpha and Phi Lambda Chi.

Bethany College Glee Club—This musical organization is under the direction of Professor Moos. At present it has a membership of nineteen men. During the year this club furnishes music for many college functions and with the aid of a reader and pianist provides entertainments for many churches of Ohio, Pennsylvania and other near-by states.

College Band—The present College Band has a membership of thirty-two. This organization furnishes music for all the out-door functions of the college and gives a series of concerts during the year. More than a thousand dollars have been spent during the past year for new equipment. A limited number of instruments is available for the use of band members. Membership in this organization is open to all possessing the necessary qualifications.

The Merry Masquers—The "Merry Masquers" is the dramatic club under the auspices of the English department. It gives opportunity, not only for the exercise of ingenuity in working out stage setting, lighting, screening, etc., but for self expression in the artistic interpretation of the great characters in dramatic literature. The members of the club have staged parts of the old Miracle plays, the "Morality of Everyman," a sixteenth century "Grand

Christmas" in the presence of Queen Elizabeth and her court. They give the Commencement play each year on the college campus. Such plays as "Mid-Summer Night's Dream," "The Tempest", Milton's "Comus", and other plays have been successfully staged in the open air.

GENERAL REGULATIONS

Class Attendance—A student is expected to be present at every meeting of the class of which he or she is a member. However, in order to provide for occasions when class attendance might jeopardize the health of the student, or for absences caused by circumstances over which the student has no control, some cuts are allowed without placing any obligation or penalty on the student. Three cuts a semester are allowed in four or five hour credit courses, two cuts in three hour courses, one cut in two hour courses and none in one hour courses.

In case of absences in excess of cuts allowed, when such absences are caused by serious illness or have been approved in advance by the President of the college or such person or persons as he may designate to act in his place, the student is given an opportunity to make up the work missed, in so far as the nature of the course admits of such a procedure. Included under this provision are such absences as those incurred by students participating in approved intercollegiate contests and such collegiate activities as have been sanctioned by the college faculty. In case the absences are due to sickness, application to make up the work must be accompanied by a doctor's certificate to the professors in charge, stating the duration of time that the student was unable to attend class.

The time and manner of making up work is left to the teacher in charge of the course in question, the aim being to satisfy the instructor that the work has been accomplished with such a degree of efficiency as to not seriously interfere with either the future work of the student or the class of which he or she is a member.

In case of absences in excess of the number of cuts allowed, when such absences are not covered by a doctor's certificate and have not been approved in advance by the authorities as soon as the student returns to school, the instructors of said student are not to afford opportunity for the work to be made up. It is to be also understood by all students that absences for any cause, whether approved or not, are to be counted when considering the number of cuts allowed. When for any reason a student does not make up work missed, the class standing of said student is to be lowered by giving a grade of F for each day missed.

When any student has as many as three absences in a four or five hour course, two in a three hour course and one in a two hour course, in excess of cuts allowed and these absences have not been approved, the instructor in charge of the course is to report the student to the President of the college before whom said student must appear to explain his or her conduct. In case the explanation is considered unsatisfactory the student may be suspended from class privileges for inattention to duty.

Final Examinations—All students are required to take the examinations that come during the last week of each semester. Those who show by class work and examination that they are entitled to a grade of D or above are passed.

Special Examinations—A student who has been marked incomplete in his course at the end of a semester may, with the consent of the instructor, be given an opportunity to take a second examination on the payment of a fee of $1.00. When a student is absent from a final examination he may have a special test upon the payment of a fee of $2.00. Fees for special examinations must be paid at the office of the college bursar before the examinations are taken.

College Entrance Examinations—Students desiring examinations for college entrance will be given an opportunity to take them without charge on the First Semester Registration Day.

The Grading System—The class standing of a student in any course pursued is reported by the use of letters. The meaning of letters used may be given as follows:

A—Excellent. The letter A is used to denote work of unusual merit.

B—Good. This letter is used to show an appreciation and grasp of the subject that is distinctly above the average and very satisfactory.

C—Average. This letter signifies the grade of work done by an average student. It is expected that about fifty per cent. of grades given will be C.

D—Inferior. This letter denotes work below the average. It shows a lack of application or of ability to grasp the subject.

Inc.—Incomplete or Conditioned. This abbreviation is used to indicate incomplete work which a student may be allowed to make up. The instructor in charge will decide how the condition may be removed, whether by re-examination, doing additional work or doing much better work in same subject the following semester. Failure to complete the work will result in having the grade recorded finally as F.

F—Failure. The letter F denotes work that is definitely unsatisfactory. Additional work in this department forbidden until credit for this course has been obtained. A course in which a student has failed must be taken over at the first opportunity.

Penalty for Failures—Any student, found on examination of his scholastic standing to not be doing passing work in courses representing at least ten hours credit, is prevented from participating in any intercollegiate contest, and also any collegiate activity that necessitates the missing of classes, until such time as it is reported by the student's instructors that work has been performed, in courses rep-

resenting ten hours or more, which merits a grade of C for the part of semester covered. It is understood that one week's notice must be given a student before the penalty for unsatisfactory standing is put into force.

In case a student fails to pass in at least ten hours of work at the end of any semester, said student is deprived of the privilege of participating in any collegiate or intercollegiate activity during his or her following semester, unless he or she succeeds in completing by a second examination, or otherwise, a sufficient amount of work to obtain at least ten hours of academic credit for the semester, or shows by mid-semester grades the following semester that C quality work is being done in courses representing fifteen hours credit.

It is to be understood that students who fail to make passing grades in at least ten hours of their work for any semester may secure only provisional enrollment for the next semester. If, when such students are provisionaliy enrolled, they fail to pass in courses representing ten hours of academic credit, further enrollment is refused except by action of the faculty.

Engaging Rooms in Advance—A student desiring to engage in advance a room in either of the dormitories for the college year must make a deposit of $10.00 at the college bursar's office not later than September 1st. Rooms will not be held after that date without this advance deposit. The deposit will be used by the college to pay any damage done to the room or its equipment. In case no damage is done, the amount deposited will be returned at the end of the year. Any student rooming in a college building will be obliged to make this deposit whether or not the room is engaged in advance .

Number of Hours Allowed—A student must carry at least 15 credit hours of academic work each semester, unless for some good reason the faculty allows a less number. No reduction in tuition is made for those who pursue fewer

than this number of hours. No student is allowed more than 15 hours without consent of the faculty unless he or she has no grade below C and at least 12 hours B or above for the preceding semester. In no case will a student be allowed to carry over 18 hours of academic work.

Penalty for Late Registration—Students in attendance during any semester must register on the opening day of the following semester, if they desire to continue their work. Two dollars is charged for each day of delay in registering. This rule applies only to the opening of the semester and does not relate to students entering for their first semester.

Student Conduct and Discipline—It is the aim to have the discipline of the college firm and reasonable, appealing to the purest motives and best sentiments of the student. No rules for conduct are made save those believed to be dictated by wisdom. In all matters pertaining to personal conduct the Faculty believes in the American principle of self-government, and confidently relies upon the manly and womanly student for support. When any student cannot be controlled by the application of such principles, or when he becomes so indifferent to his opportunity as to fail to accomplish the object for which he is sent to college, his parents or guardian will be informed of the fact and requested to withdraw the student from the college.

Chapel Attendance—Chapel exercises are held four days a week at ten o'clock in the morning. Attendance is obligatory on all students.

Religious Life of the College—It is the aim of the management to cultivate and develop the religious nature of the student; to create and maintain a religious sentiment that shall be in harmony with the best thought of our Christian civilization. The Bible is a recognized text-book in the college and the constant aim is to surround the students with an atmosphere which is genuinely Christian without being sectarian.

Rules Governing Fraternities and Sororities—

I. No student of any classification shall be invited or pledged to any fraternity or sorority earlier than Friday, October 6th. Special students shall not be invited or pledged at any time.

II. Students shall not be initiated into any fraternity or sorority until they have presented fifteen high school units for entrance, have fifteen semester hours of resident collegiate work credited on the registrar's books, and have earned at least fifteen quality points.

III. No student shall room in a sorority, fraternity or club house until he or she has been in residence at the college one full year and earned at least thirty semester hours of college credit, unless by special permission of the faculty

IV. The pledges of all fraternities, sororities and clubs must be selected from a list of eligibles obtainable at the college registrar's office on Thursday, October 5th. The name of no student will appear on this list whose credentials are not in the hands of the registrar at least four days before said lists are due.

V. No students shall be invited or pledged later in the college year until the registrar has declared the same to be eligible.

Reports of Student Standing—At the end of each semester (or oftener, if requested), a report is sent by the Faculty to the parent or guardian of each student, stating grades and absences from recitations and examinations, together with such other information respecting the student's progress and conduct as may be deemed proper to com-

municate, or as the parent or guardian may especially request.

Changes in Regulations Covering Courses of Study, Degrees, Discipline, Etc.—The college reserves the right to amend the regulations covering the granting of degrees, the courses of study, and the conduct of students. Membership in Bethany college and the receiving of a degree are privileges, not rights.

THE TEACHING OF AGRICULTURE

Extract from an article by Alexander Campbell on the "New Institution," a prospectus of Bethany College. From the Millennial Harbinger of 1840 — p. 132.

"Agriculture, both theory and practice, is but beginning to command the respect and attention due to this most useful, honorable and princely of all human callings and pursuits. This, next to religion and morality, and the art of reading and writing, ought to be taught in all its branches, from the infant school and upwards, to the last lecture in the course."

The liberality and wise foresight of Mr. E. W. Oglebay has enabled Bethany College to carry out the earnest wish of its prophetic founder as expressed in the above quotation.

No attempt is made to duplicate the work of the agricultural colleges and experiment stations, but the aim is to give to the limited number of students admitted to the agricultural department of Bethany a practical training in agriculture such as makes rural life satisfying and profitable.

The college is well equipped to offer work along agricultural lines. The college farms, comprising over 500 acres of land, are well equipped for demonstration and practical farm work. The useful farm crops are grown and demonstration experiments are being carried out to

show the most profitable crop rotations and the best methods of maintaining soil fertility.

An excellent herd of registered Guernsey cattle and also pure bred animals of other types are kept, making it possible to offer students practical courses in Stock Judging, Dairying and Animal Husbandry.

There are some ideal locations for orchards on the college farms. Fifteen acres have already been planted by the agricultural department in co-operation with the State Experiment Station. This orchard contains three hundred selected varieties and should be of great educational value.

Practically all the work in organizing, equipping and operating the college farms in all of their departments is done by the instructors and students of the department of agriculture. Planning and carrying out this work and studying and discussing the results accomplished will best prepare the students to do similar work on their own farms and elsewhere.

A certain amount of work on the farm is required of all students pursuing agricultural studies. This is considered laboratory work and for it there is no remuneration. For work not considered laboratory work there is compensation and an effort is made to employ all students who are in earnest and willing to perform efficient service. Preference will be given to students majoring in agriculture. Trustworthy and efficient agricultural students may hope to have employment provided for them on the farm during the summer months.

OPPORTUNITIES FOR TRAINING IN HOME ECONOMICS

Bethany College is meeting the demand for Home Economics training by providing the young ladies with a sewing laboratory, a cooking laboratory, a small dining room for practice in the correct serving of meals and a recitation room, in Oglebay Hall.

The courses in Home Economics are designed to train young women in the proper care and management of the home and to prepare them for their full responsibility as intelligent, efficient and helpful factors in social and industrial progress.

The work is outlined to meet the needs of three types of students. (1) Those who major in other subjects and desire a knowledge of the fundamental principles underlying selection and preparation of foods and the cutting and making of garments. (2) Those who wish to get a normal school certificate in Home Economics preparatory to teaching Domestic Science in the grammar grades, and (3) Those who wish to use Home Economics as a major in a four year college course.

PROFESSIONAL TRAINING FOR TEACHERS

The primary aim of the Department of Education is to send forth graduates with professional enthusiasm, knowledge of the basic principles of educational theory and practice, and with special preparation to teach certain chosen subjects embraced in the secondary school curriculum.

Candidates for high school teaching certificates are privileged to observe and do directed teaching in the local high school. One-third of the work in observation must be done in other high schools. The excellent high schools of Wellsburg, Warwood, Wheeling and Steubenville are easily accessible by trolley. Candidates for elementary school teaching certificates do their directed teaching and most of their observation of teaching in the village schools. They also have ready access to rural and city schools for additional observation.

State Recognition—The Departments of Public Instruction in Ohio, New York, Pennsylvania, Michigan, Illinois, West Virginia and some other states have placed Bethany College on the approved list for the training of teachers. This means that graduates of Bethany College may teach

in the public schools of these states without taking the usual teachers' examinations, if they pursue proper subjects in education.

Requirements for a High School Teacher's Certificate—As a part of the hours required for graduation, students desiring a High School certificate must complete the following work along educational lines:

To be taken during Sophomore and Junior years:

Psychology and Applied Psychology	6 hours
History and Principles of Education	6 "

To be taken during Junior and Senior year:

Principles of Teaching	3 "
Educational Measurements	2 "
School Administration and Management	2 "
High School Methods	2 "

To be taken during Senior year:

Observation and Directed Teaching	3 "

Requirements for a Standard Normal Certificate:

During Freshman year:

Principles of Learning and Teaching	3 hours
School Management and School Hygiene	3 "
History and Principles of Education	6 "
English	6 "
Physical Education	2 "
Public School Music	4 "
Electives	8 "

During Sophomore year:

Special Methods	6 "
Psychology and Applied Psychology	6 "
Observation and Directed Teaching	4 "
Public School Drawing	4 "
Physical Education	2 "
Electives	10 "

OPPORTUNITIES AT BETHANY COLLEGE FOR THE STUDY OF MUSIC

A liberal, all-embracing education having been the aim of Bethany College from its very inception, music has for years been given its proper place in its curriculum. Teachers of wide experience, with European training, progressive, up-to-date, have presided over this department and its work has always been recognized as possessed of a breadth and thoroughness generally found only in the large art centers. Not a mere musical smattering, but a well grounded knowledge and mastery of the art, theoretical and practical, is the aim constantly kept in view. Whether music is pursued as a mere accomplishment or with a view to future teaching, only the best is considered worth striving for.

Recognizing the cultural and educative value of a complete course in the art of Music, Bethany College make the study of Musical Theory one of the elective courses of the college, and allows the same to be used for credit toward the baccalaureate degree. A maximum of twelve semester hours will be allowed.

Students of the Music Department are required to pursue at least one study in some other department of the college.

A Glee Club, College Band and Choral Performances offer the student body a varied field of musical activity. A modern, well appointed pipe organ is available for practice purposes. For terms of organ rental, piano rental and tuition fees consult the general table of expenses.

Requirements for Graduation in Music—No degree is given in Music, but a Diploma of Graduation is conferred upon the completion of the Collegiate Course in Piano, the course in Organ and the course in Voice, together with a prescribed course in Theory as follows:

Piano Courses 11-12, 31-32, 51-52, 53-54, 33-34, 55-56

Organ Courses 11-12, 31-32, 51-52, 53-54

Voice Courses 11-12, 31-32, 51-52

A teachers Certificate is conferred upon the completion of the third year of the Collegiate Piano Course and the courses in Theory required for graduation in Piano.

All candidates for diplomas or Teachers' Certificates must satisfy the college entrance requirements.

A course in Public School Music is offered—For details regarding this course, see Courses in Education.

EXPENSES

Tuition—Each student in the college is required to pay a tuition fee of $60.00 a semester. This entitles the student to registration for fifteen hours of academic work. No reduction is made to students who are allowed to enroll for less than fifteen hours. Registration for work in excess of fifteen hours will be charged for at the rate of four dollars an hour. Scholarships will not be accepted in payment for the extra hours.

Room Rent in Phillips Hall—Rooms for young ladies in Phillips Hall rent for $1.50 to $2.00 a week for each student. This rate is on the supposition that each room has two occupants. For those choosing to room alone the room rent will be double this price. Each student is expected to furnish comforts, blankets, sheets, pillow cases, towels, napkins and napkin rings.

Young ladies intending to enter the college and desiring rooms in this hall should make application for same early in the summer. There are rooms for only sixty young ladies and all are usually rented before college opens in September.

Room Rent in Cochran Hall—Rooms in this hall for young men rent for $70.00 for each student per year where two occupy a suite. There are some single rooms for those who desire to room alone. These rooms rent for $60.00 per year.

Young men rooming in this hall are expected to furnish their own sheets, pillow cases, pillows, bed-spreads, blankets and towels, and to care for their rooms. Those desiring to live in this dormitory should engage their rooms in advance. Information concerning the engaging of rooms in advance may be found elsewhere in this catalogue.

Board in Phillips Hall—Board in this hall is for ladies only and the charge for meals is $5.50 per week. All young lady students are expected to board here.

Board in Cochran Hall—Board in this hall is for young men and costs $5.50 per week.

Board in Clubs—A number of clubs are conducted in the village by young men and in these board ranges from $5.00 to $6.50 a week.

SUMMARY OF FEES AND EXPENSES.

Tuition per year (not exceeding 15 academic hours each semester)	$120.00
Room Rent per year	$ 60.00 to 75.00
Board per year of 38 weeks	185.00 to 240.00
Cost per year for tuition, board and room	365.00 to 435.00

Books and washing and the special fees for laboratory courses, athletics, publications, etc., mentioned elsewhere in the catalogue are not included in the above estimate of expenses.

FEES FOR MUSIC INSTRUCTION

Piano (Collegiate Course) and Organ, two lessons a week per semester	$50.00
Piano (Collegiate Course) and Organ, one lesson a week per semester	27.00
Piano (Elementary Course) two lessons a week per semester	40.00

Piano (Elementary Course) two lessons a week, per semester	22.00
Voice, two lesson a week, per semester	50.00
Voice, one lesson a week, per semester	27.00
Theoretical Studies, in class two recitations a week, per semester	15.00
Organ Practice, one hour each day, per semester	20.00
Piano Practice, one hour each day, per semester	5.00

FEES FOR ART INSTRUCTION

Art 31-32, 33-34	Per semester,	$ 5.00
Art 43-44, 51-52	" "	10.00
Art 53-54, 55-56	" "	15.00
Art 61-62	" "	25.00

SPECIAL FEES

Physics 11, 31, 32, 33, 34, 41, or 46	$ 4.00	per semester
Physics 51, 59, or 60	5.00	" "
Agriculture 11, 12, 31, 32, 33, or 34	4.00	" "
Biology 11, 12, 31, 32, 35, 36, or 37	4.00	" "
Geology 31 or 32	2.00	" "
Chemistry 11, 12,13, 14, 33, or 34	6.00	" "
Chemistry 53 or 54	10.00	" "
Chemistry 31, 51, or 52	7.00	" "
Home Economics (Cooking)	4.00	" "
Home Economics (Sewing)	1.00	" "
Surveying	3.00	" "
Diploma in any course	10.00	
Special Examination	1.00 to $2.00	
Entrance Examination (except first week)	2.00	
Change of Registration after Registration Day	1.00	
Late Registration (per day)	2.00	
Music student for literary study, per hour	4.00	
Athletic Fee	7.00	per year
Publication Fee	6.00	" "

DEPOSITS FOR BREAKAGE

Besides the fees named above each student enrolled for work in Chemistry must make a deposit each semester of $5.00 for Course 11, 12, 13, 14 or 31; $5.00 for Course 33, 34, 51 or 52; and $10.00 for Course 53, or 54. This deposit, less any charges that may be made for breakage, is returned to the student at the end of the semester.

Each student rooming in a college dormitory must deposit $10.00 a year with the Bursar of the college to pay for any damage that may be done to the room or room furnishings. This deposit, less any charge that may be made for breakage, is returned to the student at the end of the year.

TIME OF PAYMENT OF ACCOUNTS

Tuition, room rent and special fees for laboratory courses, athletics and publications are to be paid in advance. Board bills are to be settled at the end of each two weeks. Every student using a scholarship must present it or a copy of it to the Bursar at the time of registration.

When tuition, room rent and fees are not paid before the end of the two weeks following Registration Day, ten per cent. is added to the charge for these items.

All accounts with the college must be paid in full before students are admitted to the final examinations held at the close of each semester.

No portion of a student's fee is returned on account of withdrawal from college unless the withdrawal be rendered necessary by ill health. No allowance is made on this account for less than four weeks.

THE COLLEGE

ADMISSION

Applicants for admission to Bethany College must furnish evidence of good moral character and be not less than sixteen years of age. Those coming from other colleges must present evidence of honorable dismissal from the school last attended.

Admission by Certificate—Students from accredited High Schools are admitted to the college upon presentation of evidence that they have completed a four year course of study consisting of not less than fifteen units.

Definition of a Unit—In evaluating the work offered by applicants for admission, the following definition of a unit made by the National Conference Committee on standards of colleges and secondary schools is used:

"A unit represents a year's study in any subject in a secondary school constituting approximately a quarter of a full year's work."

This definition of a unit takes the four-year high school course as a basis and assumes that the length of the school year is from thirty-six to forty weeks, that a period is from forty to sixty minutes in length and that the study is pursued for four or five periods a week; but under ordinary circumstances, a satisfactory year's work cannot be accomplished in less than 120 sixty-minute hours or their equivalent. Schools organized on a different basis can nevertheless estimate their work in terms of this unit. Two hours of laboratory work are assumed to be equivalent to one hour of classroom work.

Prescribed Units—Of the fifteen units required the following are prescribed:

English	3 units
Mathematics	2 "
Foreign Language (Two in same language)	3 "
History	1 "
*Science	1 "

*The Science unit should be a laboratory science preferably Physics.

A student offering 15 units for entrance, but lacking one or more of the prescribed ones, may be enrolled as a Freshman but said student will be required to elect in the college, for each unit lacking, six hours of work in the same department, in addition to the number of prescribed college hours.

Distribution of Units—At least 14 of the 15 units presented must be taken from the following list of subjects which also shows the maximum number allowed in each:

English	4 units	Civil Government	½ unit
Algebra	1½ "	El. Economics	½ "
Plane Geometry	1 "	Chemistry	1 "
Solid Geometry	½ "	Biology	1 "
Trigonometry	½ "	Physics	1 "
Latin	4 "	Botany	1 "
Greek	3 "	Zoology	1 "
French	3 "	Geology	1 "
Spanish	3 "	Physiology	½ "
Ancient Hist.	1 "	Physical Geography	½ "
Med. & Mod. Hist.	1 "	Hyg. and Sanitation	½ "
English Hist.	1 "	Gen. Science	1 "
American Hist.	1 "	Drawing	1 "
German	3 "		

Not to exceed 4 units from the following Vocational Subjects:

Agriculture	2 units
Home Economics	2 "
Stenography and Typewriting	1 "
Commercial Arithmetic	½ "
Commercial Law	½ "
Commercial Geography	½ "
Bookkeeping	1 "
Manual Training	2 "

Admission by Examination—Students who for a good reason have not been permitted to complete a high school course of study, but furnish evidence of an equivalent training may be admitted to Freshman standing upon examination at the college.

Admission to Advanced Standing—Students from other standard colleges may be admitted upon presentation of evidence that they have satisfied the entrance requirements of this college and were in good and regular standing in the institution last attended. All applications for advanced standing must be accompanied by certificates stating the nature and extent of college courses completed and signed by the President or other official of the college where the work was done.

In no case will a student be granted a degree who has not been in attendance at this college at least during the senior year.

Admission of Special Students—Mature men and women, not under 21 years of age, who are not able to present 15 entrance units, are admitted to this college as special students in accordance with the regulations of the Association of Colleges and Secondary Schools of the Southern States. Such students are not regularly classified, are not given college credit for work done and are not accepted as candidates for degrees. If at any time they satisfy their entrance deficiencies, they may be admitted to Freshman standing. In no case will college credit be given for college courses taken before entrance requirements were completed.

Method of Enrollment—Students who plan to enter the college must furnish the Registrar with certificates indicating the nature and extent of their preparation. These certificates must be signed by the Principal or Superintendent of the high school attended and should be mailed to the Registrar ,if possible, before September first. Blank certificates for this purpose will be furnished by the college, if desired.

On registration day students are apprized of their standing and, if permitted to enroll, fill out, with the aid of advisers, enrollment cards. These cards are presented to the college Bursar with whom a settlement must be made of semester bills.

The names of students enrolled in various courses are furnished to the instructors by the Registrar.

GRADUATION AND DEGREES

Degrees—Courses are offered in Bethany College leading to the degrees Bachelor of Arts and Bachelor of Science.

Requirement of Hours for Graduation—Candidates for a baccalaureate degree are required to complete 124 semester hours of college work of which not to exceed four hours may be offered in Physical Education. Of the 124 hours required, the following are prescribed:

For the A.B. degree:

English	12 hours
Science and Mathematics (Chemistry, Biology, Mathematics, Physics)	16 "
Foreign Language (Greek, Latin, French, Spanish, German)	14 "
Note: In case a student offers two units in a foreign language for entrance, 12 hours of the same language in college will satisfy this requirement	
History or Social Science (History, Economics, Sociology, Political Science)	12 "
Philosophy, Psychology, Education, Religious Education	12 "
Bible	6 "
Physical Education	4 "

For the B.S. degree:

English	12 "
Foreign Language (Greek, Latin, French, German, Spanish)	14 "
Note: Same as for A.B. degree.	
Science and Mathematics (Chemistry, Biology, Physics, Mathematics)	40 "
History or Social Science (History, Economics, Sociology, Political Science)	6 "
Philosophy, Psychology and Education	6 "
Bible	6 "
Physical Education	4 "

Requirement of Quality Points for Graduation—In addition to the number of hours required, candidates for a de-

gree must earn at least 120 quality points which are awarded as follows:

For a grade of A, three quality points for each hour of academic credit.

For a grade of B, two quality points for each hour of academic credit.

For a grade of C, one quality point for each hour of academic credit.

For a grade of D, no quality points.

A grade of F standing on the records at the time the student asks for a degree or applies for a transfer of credit will lessen the number of the applicant's quality points one for each hour represented by the course in which the failure is recorded.

Majors and Minors Required—Students are required to choose a major and two minor subjects not later than the beginning of the Sophomore year. Twenty-four semester hours are required for a major and twelve semester hours for each minor. Subjects are grouped as follows to aid in the proper selection of majors and minors.

Group I	English.
Group II	Foreign Language (Greek Latin, French, Spanish, German).
Group III	History, Economics, Sociology, Political Science.
Group IV	Chemistry, Physics, Biology, Geology, Mathematics, Agriculture, Home Economics.
Group V	Philosophy, Psychology, Education, Religious Education.
Group VI	Biblical Literature and Hebrew.
Group VII	Physical Education.
Group VIII	Music, Art, Public Speaking.

Students selecting a major from Group I must select minors from II, III, V.

Students selecting a major from Group II must select minors from II, III, V.

Students selecting a major from Group III must select minors from III, V.

Students selecting a major from Group IV must select minors from II, IV, V.

Students selecting a major from Group V must select minors from III, IV, V.

Students selecting a major from Group VI must select minors from III, V, VI.

In choosing a major any one of the following subjects may be selected:

English	Chemistry	Philosophy
Greek	Mathematics	History
Latin	Agriculture	New Testament
French	Home Economics	Old Testament
German	Biology	Physics
Spanish	Education	Religious Education

To the foregoing subjects may be added Economics, Sociology and Church History to form a list from which minors may be selected.

COURSES OF INSTRUCTION

In numbering of courses first semester courses have odd numbers and second semester courses even numbers. A course having both an odd and even number, as 11-12, runs continuously throughout the year. In registering for the course, the odd number is used the first semester and the even the second. Courses numbered from 11 to 30 are for Freshmen, from 31 to 50 for Sophomores and from 51 upward for Juniors and Seniors.

Courses marked with an asterisk count for one hour less than the usual credit when elected by students in their senior year.

The number in parenthesis after the name of the course indicates the credit given for it each semester. The hours and name of the instructor follow the description of the course.

AGRICULTURE

*11 **Animal Husbandry.** (4 Hrs.). Types and classes of farm animals; leading breeds of horses, cattle, sheep and swine; practice in score-card and preparation judging. Animals owned by the college will be studied, and occasional trips made to nearby farms.

T., W., Th., 11:30.

Laboratory Sat. 8-10. Mr. Rast.

*12. **Dairying.** (4 Hrs.). A general survey of the dairy industry with a definite study of the secretion, composition, separation and handling of milk; methods of creaming; manufacturing butter, cheese, etc.; selecting the dairy cow; feeding the dairy cow.

T., W., Th., 11:30.

Laboratory Sat. 8-10. Mr. Rast.

31. **Soils.** (4 Hrs.). A course covering the origin, formation and classification of soils; their physical, chemical, and biological properties as related to soil fertility and

crop production; soil management and drainage. Prerequisite, Chemistry 11 and 12, Biology 11 and 12.

T., W., Th., 9:00.
Laboratory M., 10:00-12:00. Mr. Rast.

32. **Field Crops.** (4 Hrs.). A study of cereals, hay, forage, fibre and root crops. Lectures and recitations on the history, production, improvement, cultivation, harvesting and marketing of these crops; practice in judging and testing corn and small grain, and with growing and dried crops and their products in the field and laboratory. Prerequisite, Agriculture 31.

T., W., Th., 9:00.
Laboratory M., 10-12. Mr. Rast.

33. **Animal Feeding.** (3 Hrs.) Composition of plants and animals; digestion and assimilation; feeding standard and balanced rations. Methods of feeding different classes of animals. Prerequisites, Agriculture 11.

Th., F., 8:00.
Laboratory T., 1:30-3:30. Mr. Rast.

34. **Sheep and Swine Husbandry.** (3 Hrs.). A study of different breeds, types and market classes and of various systems of management. Prerequisites, Agriculture 33.

Th., F., 8:00.
Laboratory T., 1:30-3:30. Mr. Rast.

35. **Farm buildings and Farm Sanitation.** (3 Hrs.). Ventilation, sanitation, construction, management, cost; practice in designing and drawing plans. Not offered in 1922-23.

Mr. Rast.

36. **Farm and Power Machinery.** (3 Hrs. A course covering the operation, use and care of farm machines; gas and kerosine engines and farm tractors. Practice with tillage, seeding, cultural, harvesting and threshing machinery,

and farm engines will be given. Rope tying, splicing, and belt lacing will be included in practice. Not offered 1922-23.
Mr. Rast.

51. Farm Management. (3 Hrs.). Recitations and laboratory work upon the problems of farm management and their effects upon maintaining the fertility of the soil; systems of farming, their distribution and adaptation; farm accounts, problems of labor, machinery, storing, marketing. laying out farms, rotation systems. Inventories and farm surveys will be made and methods of farm accounts discussed Prerequisites, Agriculture 31 and 32.
W., Th., F., 2:30. Mr. Rast.

52. Agricultural Economics. (3 Hrs.). Recitations upon the production, distribution, transportation, and marketing of agricultural products. The relation of the industry of agriculture to other industries co-operation in agriculture, agricultural organizations and the social condition of agricultural communities are considered.
W., Th., F., 2:30. Mr. Rast.

53. Orcharding. (3 Hrs.). This course deals with the fundamental problems of fruit growing, with special reference to the home or farm orchards. The problems of soil, location, propagation, pruning, spraying, cultivating, harvesting, storing and marketing are considered. Not offered 1922-23. Prerequisites, Agriculture 31 and Biology 11 and 12. Mr. Rast.

54. Small Fruits. (3 Hrs.). This is a continuation of 53 and takes up extensively the growing of grapes, bush fruits, and strawberries. Not offered 1922-23. Prerequisites same as 53. Mr. Rast.

55. Animal Breeding. (3 Hrs.). A study of the general principles and problems in breeding farm animals, including heredity, variation, selection, environment and the proper management of pure bred stock. Not offered 1922-23. Prerequisite, Agriculture 11. Mr. Rast.

56. Plant Breeding. (3 Hrs.). A study of the principles of plant breeding, cross-pollination, and hybridization of plants, improvement by selection breeding for special qualities. Laboratory work in the field. Not offered 1922-23. Prerequisites, Agriculture 32. Mr. Rast.

ART

25-26. Theory and Practice of Public School Drawing. (2 Hrs.). Outline is made for the different grades of the public schools. Paper cutting, pencil, crayons, and water color; original work, observation and practice teaching.
T., Th., 2:30-4:30. Mrs. Garrett.

31-32. Charcoal. (1 Hr.). Practice from antique symmetrical objects in outline and general light and shade. Light and shade from groups of familiar objects. Prerequisites for all work.
T., 8:00-10:00; F., 1:30. Mrs.Garrett.

33. Free Hand Drawing I. (1 Hr.). Pencil work from nature studies and objects. Perspective drawing. Elementary color work and design.
T., Th., 1:30 Mrs. Garrett.

34. Free Hand Drawing II. (1 Hr.). Advanced pencil work. Problems in angular and parallel perspective Continuation of color and design of course four.
T., Th., 1:30. Mrs. Garrett.

43-44. Color Work from Still Life. (1 Hr.). Medium, water color. Groups of familiar objects in monochrome and natural color.
T., 8:00-10:00; F., 1:30. Mrs. Garrett.

51-52. Advanced Charcoal. (1 Hr.). Heads and figures from casts in full light and shade. Marines and landscapes. Prerequisites, Art 31-32 or its equivalent.
T., 8:00-10:00; F., 1:30. Mrs. Garrett.

53-54. Pastel. (1½ Hrs.). Still life in natural color, landscapes, and pictorial composition. Prerequisites Art 31 or its equivalent.

T., 8:00-10:00; F., 1:30. Mrs. Garrett.

55-56. Advanced Watercolor. (1 Hr.). Still life in natural color, figures, animals, landscapes, marines and pictorial composition. Prerequisites, Art 31-32 or its equivalent.

T., 8:00-10:00; F., 1:30. Mrs. Garrett.

61-62. China Painting I. (2 Hrs.). The instruction in Ceramic Art covers processes and materials free-hand drawing, color and the practical application of design to ceramics. Conventional designs are used and worked out in harmonious colors of enamel.

W., F., 2:30-4:30. Mrs. Garrett.

NOTE:—Not to exceed six semester hours of credit in art will be allowed to count in meeting the requirements for baccalaureate degrees.

BIOLOGY

11-12. General Biology. (4 Hrs.). A systematic study of the fundamental structures and life processes of plants and animals including man, and the important interrelationships together with special lectures and discussions of the important principles of Biology—Environment, Heredity, Variation and the Theory of Evolution.

T., Th., 1:30 and 2:30.

Laboratory W., F., 1:30-3.30 and M., 8:00-12:00.

Mr. Weimer and Assistant.

31-32. General Botany. (4 Hrs.). A general survey of the plant kingdom. Type forms will be studied with attention to morphology, physiology, ecology, phylogeny and economic importance. Special attention will be given to

systematic botany in the spring months. Prerequisites Biology 11-12. Not offered in 1922-23.

T., Th., 10:30-11:30.

Laboratory W. F., 10:30-12:30. Mr. Weimer.

28. Personal Hygiene and Sanitation. (2 Hrs.). A study of the fundamental laws of personal health and the principles underlying proper health conditions.

W., F., 8:00. Mr. Weimer.

35. Invertebrate Zoology. (4 Hrs.). A survey of the invertebrate animals including phylogeny, morphology and economic importance. A laboratory study of the representative forms of invertebrates will be made. Prerequisites, Biology 11-12.

W., F., 9:00.

Laboratory T., Th., 8:00-10:00. Mr. Weimer.

36. Vertebrate Zoology. (4 Hrs.). A study of the comparative anatomy of the representative forms of vartebrates. Laboratory study of the comparative anatomy of Amphioxus, shark, frog and cat. Prerequisites, Biology 11-12.

W., F., 9:00.

Laboratory T., Th., 8:00-10:00. Mr. Weimer.

37. Histology. (3 Hrs.). A study of the structure of the cell and its modifications into the various tissues. Special attention will be paid to the theory and practice of general histological technique. Two laboratory periods per week and one lecture. Prerequisites, Biology 35 and 36.

Hours to be arranged. Mr. Weimer.

39-40. Comparative Anatomy. (1, 2, or 3 Hrs.). A laboratory study of the comparative anatomy of the various vertebrate and invertebrate forms not studied in Biology 35 and 36. Prerequisites either Biology 35 or Biology 36.

Hours to be arranged. Mr. Weimer.

BIBLICAL DOCTRINE

51. The Teaching of Jesus. (3 Hrs.). A careful study will be made of the teaching of Jesus as shown in the four Gospels. Prerequisite, New Testament 11-12.
T., Th., S., 8:00. Mr. Green.

52. The Teaching of Paul. (3 Hrs.). A study of the great doctrines of the New Testament as set forth by Paul, and a comparison with the other New Testament writings. Prerequisite, New Testament 31-32.
T., Th. S. 8:00. Mr. Green.

71. Biblical Theology. (3 Hrs.). A careful study is made of the Doctrines of God, the Holy Spirit, Man, Sin, Christ. Clarke's Outline of Theology will be used as the text.
W., Th., F., 2:30. Mr. Green.

72. Biblical Theology. 3 Hrs.). The doctrine of Salvation. A study of the rise and development of God's method in dealing with His people.
W., Th., F., 2:30. Mr. Green.

73-74. New Testament Interpretation. (3 Hrs.). The purpose of this course is to teach the student how to use the New Testament. A careful study will be made of the rules of Exegesis and these will be applied to certain New Testament books. Prerequisites, New Testament 11-12 and 31-32. Not offered in 1922-23. Mr. Green.

105. History of Christian Doctrine. (3 Hrs.) The history of the rise of the great doctrines of the church up to the Reformation. Prerequisites, Church History 71-72 and Biblical Doctrine 51-52. Not offered in 1922-23.
Mr Green

106. History of Christian Doctrine. (3 Hrs.). The History of Christian Doctrine from the Reformation to the present time. Prerequisite, Church History 105. Not offered in 1922-23. Mr. Green

CHEMISTRY.

11-12. Elementary Chemistry and Qualitative Analysis. (4 Hrs.). An introductory course in chemistry specially intended for students who have had no previous work in the subject. The first semester is largely devoted to a study of the non-metals and the second to a study of metals. A large part of the laboratory work of the second semester is elementary qualitative analysis.

Sec. I, T., Th., 8:00.

Laboratory W., F., 8:00-10:00.

Sec. II, T. Th., 2:30.

Laboratory W., F., 1:30-3:30. Mr. Yaney and Assistants.

13-14. General Chemistry and Qualitative Analysis. (4 Hrs.). A course intended for students who have done acceptable work in chemistry in a secondary school and offer a unit of it for college entrance.

T., Th., 9:00.

Laboratory, M., 8:00-12:00. Mr. Workman and Assistants.

31. Qualitative Analysis. (3 Hrs.). A study of the principles and methods of qualitative analysis. Chemical compounds, alloys, minerals and metallurgical products are analyzed. Prerequisites, one year of college chemistry.

Laboratory open T., W., Th., 10:30-12:30
and M., 8:00-12:00. Mr. Workman.

33-34. Chemistry of Foods and Nutrition. (3 Hrs.). A course specially intended for students majoring in Home Economics. A study is made of the composition and nutritive value of foods, their preservation and adulteration. Laboratory work consists of some exercises in elementary quantitative analysis followed by analysis of cereals, milk, flour, butter and cheese, together with qualitative tests for preservatives and adulterants. Prerequisites, Chemistry 11-12 or 13-14.

Th., 11:30.

Laboratory, W., F., 10:30-12:30. Mr. Workman.

35. Advanced General Chemistry. (2 Hrs.). Special topics in the field of general chemistry are considered. Emphasis is placed on chemical laws and theories and the chemistry of some of the rare elements. Offered alternate years. Not offered in 1922-23. Prerequisites, Chemistry 11-12 or 13-14.

W. F., 9:00. Mr. Workman.

51-52. Quantitative Analysis. (4 Hrs.). A study of the fundamental principles of gravimetric and volumetric analysis. The analytical work in the laboratory is made to conform as far as possible to needs of students taking the course. Offered alternate years. Not offered in 1922-

T., 11:30.

23. Prerequisites, Chemistry 11-12 or 13-14.

Laboratory W., Th., F., 10:30-12:30

and M., 9:00-11:00. Mr. Workman.

53-54. Organic Chemistry. (4 Hrs.). A general course in the chemistry of aliphatic and aromatic compounds and their derivatives. Typical organic compounds are prepared in the laboratory. Prerequisites, Chemistry 11-12 or 13-14 and preferably 35.

W., F., 11:30.

Laboratory, M., 8:00-12:00 and

T., 10:30-12:30. Mr. Yaney.

55-56. Industrial Chemistry. (2 Hrs.). Consists of lectures and quizzes on various industrial processes, written reports on assigned topics and observation trips to industrial plants of the Ohio Valley. Prerequisites, Chemistry 11-12 or 13-14, 35 and preferably 53-54.

W., F., 9:00. Mr. Workman.

58. Physiological Chemistry. (3 Hrs.). A course dealing with the chemistry of carbohydrates, fats and proteins and their digestion and metabolism in the animal organism. Prerequisites, 11-12 or 13-14 and 53-54.

W., F., 2:30. Mr. Workman.

59-60. Physical Chemistry. (2 Hrs.) This course deals with such topics as gas laws, molecular weights, mass action, theory and nature of solution and the phase rule Prerequisites, 11-12 or 13-14, 51-52, one year of college physics and calculus. Required of students who major in chemistry after 1922-23.

Hours to be arranged. Mr. Workman.

CHURCH HISTORY.

71. The Ancient Church. (3 Hrs.). The growth and development of the church from the second to the thirteenth century. Prerequisites, History 33-34.

T., W., S., 9:00. Mr. Green.

72. The Reformation. (3 Hrs.). Development of forces culminating in the religious movements of the sixteenth century; Humanism; the Reformation itself. Prerequisites, History, 33-34.

T., W., S., 9:00. Mr. Green.

91. The English Reformaton. (3 Hrs.). The Reformation under Wyclif; the Lollards; Reformation under Henry VIII and his successors; the rise of nonconformist groups. Not offered in 1922-23. Mr. Green.

92. The Modern Church. (3 Hrs.). The trend of modern thought is traced through its different phases from the sixteenth century to the present. Not offered in 1922-23. Mr. Green.

101. The Life and Times of Jesus. (3 Hrs.). A study is made of the cultural, economic, religious, and political conditions among the Jews and Gentiles in the period 167 B. C. to 180 A. D.

T., W., F., 8:00. Mr. Green.

102. The Background of Christianity. (3 Hrs.). A survey of the Jewish and Hellenistic background of Chris-

tianity; the movements that parallel Christianity. Prerequisite, Philosophy 53-54.
T., W., F., 8:00. Mr. Green.

103. **History of the Disciples.** (3 Hrs.). A study of the rise and growth of the Disciples of Christ. Not offered in 1922-23. Mr. Green.

105. **History of Christian Doctrine.** (3 Hrs.). The history of the rise of the great doctrines of the church up to the Reformation. Prerequisites, Church History 71-72 and Biblical Doctrine 53-54. Not offered in 1922-23.
Mr. Green

108. **History of Christian Doctrine.** (3 Hrs.). The History of Christian Doctrine from the Reformation to the present time. Prerequisite, Church History 105. Not offered in 1922-23. Mr. Green.

ECONOMICS

53-54. **Principles of Economics.** (3 Hrs.). A first course dealing with the principal phenomena that are encountered in every day life. Prerequisites, Sophomore rank.
T., W., F., 11:30. Mr. Woolery.

71. **Business Finance.** (3 Hrs.).
Not given in 1922-23.

72. **Railroad Transportation.** (3 Hrs.).
Not given in 1922-23.

73. **Labor Problems and Legislation.** (3 Hrs.). A study of the causes of the origin of unions, followed by somewhat intensive study of present day problems of organized labor. Prerequisites, Economics 53-54.
W., Th,, F,, 2:30 Mr. Woolery.

74. **Socialism.** (3 Hrs.). Examination of the question of distributive justice and the theories built up to substitute a new system for the present one. Prerequisites. same as for course 73.
W., Th., F., 2:30. Mr. Woolery.

EDUCATION

*21. **Principles of Learning and Teaching.** (3 Hrs.). A discussion of the underlying principles of methods, lesson plans, preparation and presentation of lessons.
T., W., F., 9:00. Miss Smith.

*22. **School Management and School Hygiene.** (3 Hrs.). The first part of this course presents the practical problems of the school room such as discipline, routine factors and daily program; the second part presents the problem of hygiene in relation to school life, giving special attention to hygiene of the child.
T., W. F., 9:00. Miss Smith.

23-24. **Public School Music.** (2 Hrs.). Sight singing and ear training. Harmonic first and second readers. All major and minor keys and scales. Appropriate rote songs. Methods include work for each grade for the entire school year.
W., F., 10:30. Miss Freese

27-28. **Observation and Directed Teaching.** (2 Hrs.). Application of educational principles in the classroom. Lesson plans are prepared for every class taught. The teaching is observed and criticized by the instructor. Personal conferences. Prerequisites, work of the first year of the Normal course.
Hours to be arranged. Miss Smith.

41-42. **History and Principles of Education.** (3 Hrs.). The principles of education are discussed as they manifest themselves in relation to historical and national educational development.
Section I, T., W., F., 8:00. Mr. Hunter.
Section II, T., W., F., 1:30. Mr. Miller.

43-44. **Special Methods.** (3 Hrs.). A detailed consideration of the methods of teaching the elementary school subjects, selection and arrangement of materials, devices and

seat work correlation. Attention to subject matter. Prerequisites, Education 21.

W., F., S., 10:30. Mr. Hunter.

61. **Principles of Teaching.** (3 Hrs.). Similar to course 21 except that illustrative material is drawn from the high school subjects rather than the elementary school subjects. Prerequisite, or taken with, Psychology 31.

T., Th., S., 9:00. Mr. Hunter.

62. **Pedagogy of the High School Subjects.** (2 Hrs.). Special attention will be given to those subjects in which students have elected majors and minors. Prerequisites, Education 61.

T., W., 9:00. Mr. Hunter.

66. **School Administration and Management.** (2 Hrs.). considered from the viewpoint especially of the secondary school. The school board, centralization, budgets, sanitation, classroom management, courses of study and schedule making.

Th., S., 9:00. Mr. Hunter.

81-82. **Observation and Directed Teaching.** (3 Hrs.) Open only to seniors. The teaching is done in the local high school. So far as possible students will be allowed to observe and teach mainly in the subjects in which they have elected majors and minors. Prerequisites, 15 hours in Education.

Hours to be arranged. Mr. Hunter.

For courses in Psychology and Public School Drawing see these respective departments.

ENGLISH

A. Composition.

11-12. **English Composition.** (4 Hrs.). Daily practice in writing, supplemented by reading for ideas.

T., W., Th., S., 9.00.
T., W., Th., S., 11:30.
T., W., Th.,F., 2:30. Miss Clayton

53. Advanced Composition. (3 Hrs.). Journalistic writing, with emphasis on the news story and editorial, accompanied by a study of newspapers and magazines. Prerequisites, English 31-32.
W., F., S., 10:30. Miss Clayton.

54. Advanced Composition. (3 Hrs.). Continuation of 53 with special attention given to the short story. Prerequisite, 53.
W., F., S., 10:30. Miss Clayton

B. Literature.

31-32. English. (3 Hrs.). A general survey of English Literature from the age of Chaucer to the end of the nineteenth century. Prerequisites, English 11-12.
T. Th., S., 9:00.
T., Th., S., 10:30 Mrs. Bourne.

33-34. English. (1 Hr.). Greek and Roman mythology in English Literature. No knowledge of the ancient language is required. The purpose of this course is to furnish the knowledge of Classical Mythology necessary for the interpretation of the English poets.
Th., 11:30. Mr. Gay.

55. American Literature. (3 Hrs.). A study of the poets of America with special reference to the New England group. Attention will also be given to the Southern and the Western group and to Walt Whitman and the English realists. Prerequisites, **English 31-32.**
T., W., F., 11:30 Mrs. Bourne

56. American Literature. (3 Hrs.). A study of the American Novel with special reference to the novels of Cooper, Hawthorne, Howells, Henry James. The aim of

this is to set forth the imaginative expression of the American nation from its first definite utterance in the works of Cooper to the end of the nineteenth century. Prerequisites, 31-32.

T., W., F., 11:30. Mrs. Bourne.

57. **English Drama.** (3 Hrs.) A study of the English drama from its beginning to the liturgical play, through the drama of the sixteenth century. Prerequisite, English 31-32. Not offered in 1922-23.

T., W., F., 11:30. Mrs. Bourne.

58. **English Drama.** (3 Hrs.). Study of drama continued with special reference to the tragedies of Shakespeare, followed by a study of Shakespeare's immediate successors, Ben Johnson and others. Prerequisites, English 31-32; English 57. Not offered in 1922-23.

T., W., F., 11:30. Mrs. Bourne.

73. **English.** (3 Hrs.). Prose writers of the Victorian Era: Macauley, Carlyle, Ruskin, Arnold and others. Prerequisites, English 31-32. Not offered in 1922-23.

T., W., F., 2.30. Mrs. Bourne.

74. **English.** (3 Hrs.). Poets of the Victorian Era with special reference to Tennyson and Browning. Prerequisites, English 31-32. Not offered in 1922-23.

T., W., F., 2:30. Mrs. Bourne.

75. **English.** (3 Hrs.). English Literature in last half of the eighteenth century. The Beginning of the Romantic Movement: Dr. Johnson and his Circle. Prerequisite, English 31-32.

T., W., F., 2:30. Mrs. Bourne.

76. **English.** (3 Hrs.). The Romantic Triumph in English Literature. A study of the poetry of Coleridge and Wordsworth; Byron, Shelley, Keats. and Scott. Prerequisites, English 31-32; English 75.

T., W., F., 2:30. Mrs. Bourne.

FRENCH

*11-12. **Elementary Course.** (4 Hrs.). Grammar, reading, conversation, dictation.

Section I, T., W., Th., F., 8:00. Miss Mahaffey.

Section II, T., W., Th., F., 1:30. Miss Butzer.

31-32. **Review of Grammar and Composition.** (4 Hrs.). The class reads about 1000 pages of Modern French prose.

T., W., Th., F., 11:30 Miss Butzer.

51-52. **General Introduction to the History of French Literature.** (3 Hrs.). The student is asked to read at least one work from each leading author from the 17th century to 1900.

T., Th., S., 10:30. Miss Mahaffey.

61. **Corncille, Racine and Moliere.** (3 Hrs.).
T., Th., S., 9:00. Miss Mahaffey.

62. **Contemporary French Literature.** (3 Hrs.).
T., Th., S., 9:00. Miss Mahaffey.

GERMAN

*11-12. **Elementary German.** (4 Hrs.). Thorough drill in pronunciation, inflection, and the elements of syntax. Acquisition of a vocabulary of about 500 words. The stress is put on oral work, inflection and vocabulary. Loud daily preparation is obligatory.

T., W., F., S., 8:00. Mr. Hering.

31-32. **Intermediate German.** (4 Hrs.). Review of inflections, more thorough study of syntax, application of Grimm's law, composition, dictation and memorizing; reading of modern authors.

T., W., F., S., 9:00. Mr. Hering

GEOLOGY.

31. **General Geology.** (3 Hrs.). A study of the structure of the earth and the various dynamic agencies tending to change its surface. Excursions will be taken from time to time to illustrate the topic studied.
T., Th., F., 11:30. Mr. Weimer.

32. **Historical Geology** (3 Hrs.). The history of earth as revealed by its strata. Laboratory and field study of the common fossils and local formations. Prerequisites, Geology 31 and Biology 11-12.
T., Th., F., 11:30. Mr. Weimer.

NOTE.—The courses in Geology are elective and do not satisfy any of the sixteen hours of Science required for a degree.

GREEK.

*11-12. **Elementary Greek.** (4 Hrs.). A mastery of the essentials of Greek grammar, and the reading of a number of Greek stories. Prerequisite, one unit of preparatory Latin.
T., W., Th., F., 3:30. Mr. Gay.

41-42. **Iliad and Odyssey.** (4 Hrs.). This course will include reports on assigned topics dealing with the history of Hellenic civilization and daily practice in sight-reading. Prerequisite, Greek 11-12.
T., W., Th., F., 3:30. Mr. Gay.

51-52. **Greek Dramatists.** (4 Hrs.). Aschylus' Prometheus Bound, Sophocles' Antigone and Euripides' Iphigenia in Tauris. Lectures on the Greek drama and its influence on modern drama. Prerequisite, Greek 41-42.
T., W., Th., S., 9:00. Mr. Gay.

53-54. **Plato.** (4 Hrs.). The class will read the Apology and Crito, and selections from all the other impor-

tant dialogues. Lectures on Plato as a philosopher and literary artist. Prerequisites, Greek 41-42. This course alternates with 51-52. Not offered in 1922-23.

T., W., Th., S., 3:00. Mr. Gay.

81-82 (3 Hrs.). A course in the Greek New Testament, covering the Gospel of Luke, with selections from the other gospels, I and II Thessalonians, I and II Corinthians Galations and Romans. Prerequisite, Greek 51-52 or Greek 53-54.

T., W., F., 11:30. Mr. Gay.

111-112. (3 Hrs.). An advanced course in Greek exegesis covering most of the New Testament not treated in course 81-82. Prerequisite, Greek 81-82.

T., W., F., 2:30. Mr. Gay.

HISTORY

30. Medieval Europe. (3 Hrs.). A survey of the founding of the barbarian kingdoms upon the ruins of the Roman Empire, tracing their evolution through the feudal age to the beginnings of the present national states of Europe.

T., W., F., 9:00. Mr. Garrett.

33. The Foundations of Modern Europe. (3 Hrs.). After a brief survey of the contributions of the Middle Age, the course deals with the foundations of Modern Europe in the Sixteenth Century; dynastic and colonial rivalry in the Seventeenth and Eighteenth Centuries; and the Old Regime, the French Revolution and Napoleon.

Sec. I—T., W., F., 8:00.

Sec. II—T., W., F., 2:30. Mr. Garrett.

34. Modern and Contemporary Europe. (3 Hrs.). Continuation of History 33 dealing with the work of the Congress of Vienna; the industrial revolution; the develop-

ment of Italian and German unity; the Third French Republic; the rise of Russia; world imperialism and modern social problems.

Sec. I—T., W., F., 8:00.

Sec. II—T., W., F., 2:30. Mr. Garrett.

55-56. History of England and Greater Britain. (3 Hrs.). A survey of the political, social, and economic development of England from the earliest times to the growth of the British commonwealth of nations in the present century. Prerequisites, 33-34.

T., W., F., 1:30. Mr. Garrett.

71. The Renaissance and Reformation. (3 Hrs.). Deals with the Renaissance in Italy; the spread of Humanism; the origin, character, and results of Protestantism; the religious wars; and the Catholic Reformation. Prerequisites, 33-34. Not offered in 1922-23.

T., Th., S., 10:30. Mr. Garrett.

72. The French Revolution. (3 Hrs.). A study of the broad social economic and religious aspects of the period stressing particularly the conditions of the old regime; the permanent features of the Revolution; its effect on European nations; and the work of Napoleon. Prerequisites, 33-34. Not offered in 1922-23.

T., Th., S., 10:30. Mr. Garrett.

73-74. The Expansion of Europe. (3 Hrs.). A survey of the relationships established between Europe and Asia, Africa, America, and Oceana, from the later Middle Ages to the present time. Special emphasis upon the reciprocal influences growing out of the contact of Europe with the rest of the world. Prerequisites, 33-34.

T., Th., S., 10:30. Mr. Garrett.

51-52. American History. (3 Hrs.). From the period of the English colonization to the end of the war between the States. Colonial problems will be taken as affecting all

the settlements rather than each separately; constitutional and political development rather than social will be emphasized. Prerequisites, Sophomore rank.

T., W., F., 1:30 Mr. Woolery.

63. **The United States in Our Own Times.** (3 Hrs.). The problems of the new nation with special reference to the results of exploitation and the formation of class interests. The expansion of the United States into world politics. Prerequisites, one course in American or Modern History.

T., Th., S., 9:00. Mr. Woolery.

64. **History of American Diplomacy.** (3 Hrs.). The relations between the United States and the rest of the world, especially the nations of Europe and South America. Prerequisites, same as for course 63.

T., Th., S., 9:00. Mr. Woolery.

HOME ECONOMICS.

11-12. **Home Cookery and Table Service.** (3 Hrs.). A study of foods, principles governing their preparation, purpose in cooking, chemical composition, changes induced by temperatures and fermentation. Planning, cooking and serving of meals, emphasizing efficient expenditure of time and money.

T., Th., 10:30-12:30. Miss Acker

15-16. **Machine Sewing and Pattern Drafting.** (3 Hrs.).. Efficient sewing methods applied on wash materials. Drafting patterns and alterations of commercial patterns. Designing and making of wool and silk garments, clothing etc.

W., F., 10:30-12:30 Miss Acker.

17. **Home Sanitation.** (3 Hrs.). This subject deals with healthfulness of location, drainage and surroundings of a dwelling; heating, necessity of proper amount of sunlight,

ventilation, overcrowding disposal of household waste, preventable diseases. Chemistry 11-12 prerequisite or parellel. Lecture and recitation, two hours per week.

T., Th., S., 9:00. Miss Acker.

20. Home Furnishing. (2 Hrs.). Planning and furnishing a small house at stipulated cost. Study of color combinations, effect of color and practical application in the home. Economical furnishing. Prerequisite, 17.

W., F., 9:00. Miss Acker.

31-32. Problems in Food Preparation and Nutrition. (2 Hrs.). Prerequisite, Chemistry 11-12 or 13-14.

Time to be arranged. Miss Acker.

34. Dietetics. (2 Hrs.). A consideration of metabolism of food. The relation of food to health; influence of age, sex, occupation on diet. Planning of dietaries for adults and children. Prerequisite 11-12.

W., F., 8:00. Miss Acker.

51. Textiles. (2 Hrs.). A study of textile, fibres and fabrics of interest to the houshold; their character, cost. durability, adulteration. Prerequisite, 15-16.

T., Th., 8:00. Miss Acker.

53. Home Care of the Sick and Care of Children. (2 Hrs.). A series of lectures and recitations dealing with the fundamental principles in home nursing. Care of children through infancy and childhood will form an important part of course.

W., F., 1:30. Miss Acker.

54. Food Production and Manufacture. (2 Hrs.). This course deals with the source, production and use of food products. Prerequisites, H. E. 11-12 and Chemistry 11-12 or 13-14.

T., Th., 1:30. Miss Acker.

71. **Special Methods.** (2 Hrs.). The course includes methods in teaching cookery and methods in teaching Domestic Art. Practice teaching accompanies class room work. Rquired of all majoring in Home Economics. Pre requisites, H. E. 11-12, H. E. 15-16, Chemistry 11-12 or 13-14.
T., Th., 2:30. Miss Acker.

72. **Art Embroidery.** (2 Hrs.). This course includes practice in various kinds of embroidery articles used on clothing or household linens. Four hours laboratory work a week. Prerequisites, H. E. 15-16.
T., Th., 1:30-3:30. Miss Acker.

HOMILETICS.

51. **The Theory of Preaching.** (2 Hrs.). A careful study will be made of the problems connected with the preparation and delivery of sermons.
W., S., 11:30. Mr. Green.

52. **Sermon Building.** (2 Hrs.). Some of the great sermons will be analyzed; outlines will be made and criticised.
W., S., 11:30. Mr. Green.

53-54. **The Work of the Pastor.** (1 Hr.). A study of the Christian minister in relation to the congregation which he serves.
F., 11:30 Mr. Green.

71. **The Church and Society.** (3 Hrs.). The relation of the church to the social and economic conditions surrounding it will be carefully studied. Not offered in 1922-23.
Mr. Green.

72. **Organization of the Local Church.** (3 Hrs.). A scientific study of the field and forces. The presentation of a plan of operation for the work of the local church. Not offered in 1922-23.
Mr. Green.

LATIN

*11-12. **Elementary Latin.** (4 Hrs.). This course includes a mastery of the essentials of Latin grammar, including forms and syntax, the reading of large portions of Caesar or its equivalent and considerable practice in Latin composition.
T., W., Th., F., 9:00 Mr. Perry.

*13-14. **Cicero's Orations.** (3 Hrs.). This course includes the reading of six or more orations of Cicero and continued drill in Latin composition. Prerequisite, Latin 11-12.
T., W., F., 11:30. Mr. Perry.

*15-16. **Vergil's Aeneid.** (3 Hrs.). The study of Vergil will be approached with a literary as well as a linguistic purpose. Ability to read the hexameter is expected of all who complete this course. Prerequisite, Latin 13-14.
T., W., F., 11:30. Mr. Perry.

21. **Cicero's De Amicitia and De Senectute.** (3 Hrs.). Frequent reports will be required on topics relating to the times in which Cicero lived. Alternates with 31. Prerequisite Latin 15-16.
T., Th., S., 8:00 Mr. Perry.

22. **Tacitus.** (3 Hrs.). Germania and Agricola will be read with reports. Alternates with 32. Prerequisite, Latin, 21 or 31.
T., Th., S., 10:30. Mr. Perry.

31. **Cicero's Letters.** (3 Hrs.). A large number of letters will be read showing Cicero's tastes and relation to his personal and literary friends. Alternates with 21. Prerequisite, Latin 15-16.
T., Th., S., 8:00. Mr. Perry.

32. **Horace.** (3 Hrs.). This course will include the reading of Odes and Epodes with selections from the Sa-

tires. Alternates with 22. Prerequisites, Latin 21 or 31.
T., Th., S., 10:30. Mr. Perry.

33-34. **Roman Private Life.** (1 Hr.). Prerequisites, Latin 15-16.
W., 8:00. Mr. Perry.

51. **Livy.** (3 Hrs.). Large portions of Books XXI and XXII will be read with particular attention to Livy's qualities as an historian. Prerequisite, Latin 21 or 31.
Time to be arranged. Mr. Perry.

52. **Plautus and Terence.** (3 Hrs.). The Menaechmi of Plautus and Phormio of Terence will be read together with other plays, with frequent reports. Prerequisites, Latin 22 or 32.
Time to be arranged. Mr. Perry.

53-54. **Latin Composition.** (1 Hr.). This course is designed for students who expect to teach Latin. Prerequisite, Latin 15-16.
Time to be arranged. Mr. Perry.

MATHEMATICS

11-12. **Freshman Mathematics.** (4 Hrs.). A study of the elementary functions algebraic and transcendental, the graphical and analytical solutions of problems, the theory of measurement, the slide rule and certain fundamental ideas of the calculus with applications.
Sec. I. T., Th., F., S., 9:00.
Sec. II. T., Th., F., S., 11:30. Mr. Cramblet.

13. **Mechanical Drawing.** (4 Hrs.).
T., W., Th., F., 1:30. Mr.Cramblet.

14. **Surveying.** (4 Hrs.). Problems with the compass, level, transit and planetable. Prerequisite, Math. 11-12.
T., Th., 1:30 and Saturday or Monday afternoon.
Mr. Cramblet.

31. Analytic Geometry. (2 Hrs.). Prerequisite, Math. 11-12.
W., F., 8:00. Mr. Cramblet

32. Theory of Equations. (2 Hrs.). Prerequisite, Math. 11-12.
W., F., 8:00. Mr. Cramblet.

33-34. Calculus. (3 Hrs.). Prerequisite, Math. 11-12.
T., Th., S., 8:00. Mr. Cramblet

51-52. Mechanics. (3 Hrs.). Prerequisite, Math. 33-34.
Hours to be arranged. Mr. Cramblet.

53-54. Advanced Calculus. (3 Hrs.).
Hours to be arranged. Mr. Cramblet.

NOTE.—Students offering only two units of mathematics for entrance may be required to do additional work at the option of the instructor in charge.

Students electing to major in this department will be required to offer at least one minor from Group 4.

MUSIC

Piano. The course of instruction consists of an Elementary Course and a Collegiate Course.

The Elementary Course covers the work from the first beginnings to the third grade inclusive, upon a basis of seven grades. It includes adequate performance of works of the difficulty of Czerny op 299 Book I, and the easier Mozart Sonatas. It should be completed by a pupil of average talent and with close application in three years.

Mrs. Moos.

The Collegiate Course is a continuation of the Elementary Course, leading to the full mastery of the instrument as represented by the best classical and modern masters.

With adequate preparation and fair natural endowment, it may be completed in four years.

Mr. Moos.

Organ. This course requires as prerequisites a Piano technique equivalent to the work completed in the first year of the Collegiate Course. Three years should give full command of the instrument for Church and Recital.

Mr. Moos.

Voice. The course in Voice, granted good natural voice endowment and adequate concentration on the pupil's part, can be completed in four years It proceeds from scientific voice placement to the study of art songs and a comprehensive church and concert repertary.

Miss Freese.

MUSICAL THEORY

11-12. Beginning Harmony. (2 Hrs.). Intervals, Trials, Seventh Chords, Harmonizing, Melodies. Prerequisites, Elementary Piano Course; knowledge of major and minor keys.

Hours to be arranged. Mr. Moos.

31-32. Advanced Harmony. (2 Hrs.). Continuation of Course 11-12. Suspensions, Altered Chords, Modulation, Harmonizing Melodies continued, and Harmonic Analysis.

Hours to be arranged. Mr. Moos.

51. Musical History. (2 Hrs.). Historical Progress and Tendencies from ancient to modern times. Prerequisites, Elementary Piano Course and Course 11-12. May be taken during the Sophomore year.

Hours to be arranged. Mr. Moos.

52. Musical Form. (2 Hrs.). Structural principles of musical forms. Illustration and analysis of the

typical forms. Prerequisites, First year of Collegiate Piano Course and Courses 11-12, 31-32 and 51.
Hours to be arranged. Mr. Moos.

53-54. Counterpoint. (2 Hrs). Single and double Counterpoint, writing of original inventions. Analysis of polyphonic forms. Prerequisites, Second year of Collegiate Piano Course, Courses 11-12, 31-32, 51 and 52.
Hours to be arranged. Mr. Moos.

33-34. Piano Teachers Training Course. (2 Hrs.). Pre-keyboard training of children, elementary piano training, lectures and practice teaching. Prerequisites, First year Collegiate Piano Course.
Hours to be arranged. Mr. Moos.

55-56. Piano Teachers Training Course. (2 Hrs.). Continuation of Course 33-34. Teaching of adult beginners. Typical classroom problems. Teaching of ornamentation, phrasing interpretation, lectures and demonstrations. Prerequisites, Second Year Collegiate Piano Course.
Hours to be arranged. Mr. Moos.

NEW TESTAMENT

11-12. Life of Christ. (4 Hrs.). A full year is given to the study of the four Gospels in order to secure familiarity with their contents and a sane interpretation of their religious message.
T., W., Th., F. 10:30. Mr. Carpenter.

31-32. Acts and Epistles. (4 Hrs.). A historical study of the Acts and Epistles with attention to the religious and doctrinal teachings. Sufficient introductory material is studied to furnish settings for the various books.
T., Th., F., S, 8.00. Mr. Carpenter.

101. New Testament Introduction. (3 Hrs.). A study of the New Testament text and canon. Lectures

with much assigned reading. Prerequisites, New Testament 11-12 and 31-32. Open to Seniors.
T., W., F., 9:00. Mr. Carpenter.

102. **New Testament Introduction.** (3 Hrs.). A study of the New Testament books considering the dates, authorship, credibility and the more important critical problems. Prerequisite, New Testament 101. Open to Seniors.
T., W., F., 9:00. Mr. Carpenter.

21. **General Bible.** (3 Hrs.). An outline course in Old Testament History. For non-ministerial students. Not counted toward Old Testament major.
T., Th., S., 11:30. Mr. Carpenter.

22. **General Bible.** (3 Hrs.). Selected readings from the Gospels together with chosen passages from the Acts and the letters of Paul will be studied. For non-ministerial students. Not counted for New Testament major.
T., Th., S., 11:30. Mr. Carpenter.

OLD TESTAMENT

11-12. **Old Testament History.** (4 Hrs.). What the English Bible has to say concerning the history of the world in general and the people descended from Abraham until the establishment of the Hebrew Kingdom. Covers Pentateuch, Joshua, Judges, Ruth and Job. Not offered in 1922-23.
Mr. Calhoun.

31-32. **Old Testament History.** (4 Hrs.). The History from the establishment of the Kingdom under Saul to the end of the history as contained in the Protestant English Bible. The prophets of Israel are placed historically and the setting of each one's message is considered. Covers Samuel, Kings, Chronicles, Ezra, Nehemiah and Esther.
T., W., Th., S., 11:30. Mr. Calhoun.

53-54. **Old Testament Concomitata.** (2 Hrs.). This course covers those subjects which, while not in the Old

Testament, should accompany it, furnishing a proper background for all other Old Testament courses. It includes Old Testament Geography, History, Contemporaneous to the Old Testament and intermediate between the Old and New Testaments.

T., Th., 8:00. Mr. Calhoun.

51-52. **Old Testament Literature.** (2 Hrs.). This course is devoted to a study of the different types of literature found in the Old Testament such as Legal Poetical and Prophetical. Alternates with 53-54. Prerequisites, Courses 31-32, 81-82.

W., F., 8:00.

81-82. **The Hebrew Language.** (4 Hrs.). This course is intended to give the student such a knowledge of Hebrew as to enable him to prosecute its further study without the aid of a teacher should he so desire. Not offered in 1922-23.

T., W., Th., F., 1:30-3:30 Mr. Calhoun.

111-112. **Hebrew Literature.** (3 Hrs.). Covers as fully as possible the different types of literature in the Hebrew Bible. A knowledge of the laws for the analysis and combination of all current forms is stressed. Prerequisite, 81-82. Hebrew Language.

T., Th., F., 1:30. Mr. Calhoun.

PHILOSOPHY

41. **Logic.** (3 Hrs.). A study of the nature and function of thought; the principles and methods of scientific thinking; immediate and mediate inference; fallacious reasoning. Not offered 1922-23.

Mr. Leitch.

42. **Ethics.** (3 Hrs.). A study of the nature, origin, and development of morality; the more important ideals of conduct; readings in the greater ethical thinkers: Plato, Aristotle, Buddhism, Christian Ethics, Kant, etc.; the ap-

plication of moral principles to the concrete problems of individual and social life. Not offered 1922-23.

Mr. Leitch.

53-54. **History of Philosophy.** (3 Hrs.). An introduction to Philosophy through a study of the rise and development of philosophic thought in the Greek, Roman, mediaeval and modern periods. The aim is to prepare the student to face present day problems by familiarizing himself with the typical and recurring problems of thought and the solution of these offered by the world's great thinkers.

T., W., F., 10:30. Mr. Leitch.

PSYCHOLOGY

31-32. **Psychology General and Applied.** (3 Hrs.). An introductory course dealing with the nature of mental life, its biological and physiological conditions, its development, etc. A special study of the more important phases, such as sensation, perception, attention, association, memory, etc. Simple psychological experiments illustrating the subject matter studied: the methods and fields of psychology; the application of psychological principles to law, medicine, education, the ministry, industry, business, and the problems of every day life.

T., W., F., 11:30. Mr. Leitch.

33-34. **Individual and Social Psychology.**—(3 Hrs.). An introductory course dealing with the fundamental causes of human behavior in its individual and social aspects. Original and acquired tendencies—instinct, emotion, habit, reflection, volition, etc.; the influence of heredity and environment; individual differences; man's behavior in groups; mental development in childhood and adolescence, etc.

T., Th., S., 9:00. Mr. Leitch

51. **Educational Psychology.** (3 Hrs.). A study of the psychological principles involved in the study and teaching of the Common and High School branches. The learn-

ing process, practice and improvement, transfer of training, mental fatigue, individual differences in learning, etc.
T., Th., S., 8:00. Mr. Leitch.

52. **Mental and Educational Measurements.** (3 Hrs.). A systematic study of the more important tests and scales for the measurement of mental ability and educational achievement. The Standford Revision of the Binet Scale, group intelligence scales, and standard educational scales will be studied in detail and applied.
T., Th., S., 8:00. Mr. Leitch.

PHYSICS

*11. **General Physics.** (4 Hrs.). A brief course for those who have had no previous training in the subject. A general survey of the whole range of physics is made in one semester. This course may be taken for credit only by those who do not offer physics for entrance. Will not be accepted as part of work for major or minor.
T., Th., F., 10:30.
Laboratory W., 10:30-12:30. Mr. Pomeroy.

31 **Mechanics and Heat.** (4 Hrs.). This course, with courses 32 and 33, cover the usual college course in general physics. A good deal of stress is laid on the systematic working of every-day physical problems. Prerequisites, Physics 11 or High School Physics. Mathematics 11-12 must precede or accompany this course.
T., Th., F., 2:30.
Laboratory W., 2:30-4:30. Mr. Pomeroy.

32. **Sound and Light.** (4 Hrs.). A companion course to Physics 31 which should precede it. Hours and prerequisites as in 31.
Mr Pomeroy.

33. **Electricity and Magnetism.** (4 Hrs.). A companion course to Physics 31 and 32. Prerequisites as in Phys-

ics 31, which must precede or accompany this course.
T., Th., F., 8:00.
Laboratory, W., 8:00-10:00. Mr. Pomeroy.

34. **Dynamos and Motors.** (4 Hrs.). An introduction to the theory of alternating current generators and motors. The characteristics of various types are studied in the laboratory. Prerequisites, Physics 33.
T., Th., F., 8:00.
Laboratory, W., 8:00-10:00. Mr. Pomeroy.

41. **Photography** (2 Hrs.). A study of photographic optics exposures, development, enlarging and contact printing processes and lantern-slide making. The theory and use of the projection lantern for still and moving pictures. One lecture and at least three hours of directed practical work per week. Prerequisites, Physics 32 and an elementary knowledge of General Chemistry.
Hours to be arranged. Mr. Pomeroy.

43. **Laboratory Arts.** (1 Hr.). A course designed for those who intend to teach science. One three-hour laboratory period per week is devoted to practice in the design, construction and repair of apparatus. Instruction in simple glass working is included. Will not be accepted as part of requirements for major or minor. Prerequisites, 16 hours of college science.
Hours to be arranged. Mr. Pomeroy.

46. **Wireless Telegraphy.** (2 or 3 Hrs.). A course dealing with damped and undamped oscillations, oscillation frequences and wave lengths, detectors, wireless telephony and other topics relating to modern radio practice. In addition to this theoretical work each student may spend one evening each week in station operation, measurement of wave lengths, etc. and receive one hour extra credit. Prerequisites, Physics 31 and 33, and Math. 33-34. Physics 34 is desirable.
Hours to be arranged. Mr. Pomeroy.

51-52. Theoretical Mechanics. (3 Hrs.). See Mathematics 51-52. Mr. Cramblet.

53. Electricity and Magnetism. (3 Hrs.). A course in the mathematical theory of electricity and magnetism. Prerequisites, Physics 33 and Math. 33-34.
Hours to be arranged. Mr. Pomeroy.

54. Electrical Measurements. (3 Hrs.). A laboratory course in the measurement of potential, resistance, capacity, inductance and hysteresis. Prerequisites, Physics 33 and Math. 33-34. (The student is advised to precede this course by Physics, 53, if possible).
Hours to be arranged. Mr. Pomeroy.

55 Properties of Matter and Thermodynamics. (3 Hrs.). A course of lectures covering elasticity, kinetic theory of gasses and thermodynamics. Prerequisites, Physics 31 and 33 and Math. 33-34. Not offered in 1922-23.
Mr. Pomeroy.

56. Physical Optics. (3 Hrs.). Lectures and recitations covering some of the more important phases of physical optics. Prerequisites, Physics 31, 32 and 33, and Math. 33-34. Not offered in 1922-23. Mr. Pomeroy.

58. Problems in Modern Physics. (2 Hrs.). A course of lectures on certain phases of conduction through gasses, Radioactivity, Electron theory, Quantum theory, etc. Reports on outside reading will be required. Prerequisites, Physics, 31, 32 and 33, and Math. 33-34.
Hours to be arranged. Mr. Pomeroy.

PHYSICAL EDUCATION

A. For Women.

11-12. Physical Education. (1 Hr.). An elementary course in gymnasium work which includes simple practices in tactics, Swedish exercises, games, folk dancing, and cor-

rective work. This course is required of all Freshmen unless excused by reason of physical inability.
W., F., 3:30. Miss Butzer.

31-32. **Physical Education.** (1 Hr.). A continuation of the work of the first year increasing the movements and developing the skill of the student in rhythmic exercises, games and gymnastic dancing. Prerequisite, Physical Education 11-12.
W., F., 3:30. Miss Butzer.

52. **Physical Education. (1 Hr.).** A brief course in the theory and fundamentals of gymnastic teaching. A course designed to fit the student to conduct high school and grade classes in physical education. Practice teaching. Prerequisite, Physical Education, 11-12.
S., 10:00-12:00 Miss Butzer.

B. For Men.

13-14. **Physical Education.** (1 Hr.). This course is designed to exercise and develop the body. Setting-up exercises, mat-work, indoor baseball, swimming, and all sports in season. Men who work a full season on the football squad are excused with credit for the work of the second semester.
T., Th., 1:30, 2:30, 3:30. Mr. Riblet.

33-34. **Physical Education.** (1 Hr.). A continuation of work of the first year. Prerequisites, 13-14.
T., Th., 1:30, 2:30, 3:30. Mr. Riblet.

POLITICAL SCIENCE

11-12. **Principles and Problems of Government.** (4 Hrs.). Not given in 1922-23.
Mr. Woolery.

77. **American Government.** (3 Hrs.). A study of the constitutional forms and workings of the federal govern-

ment. Comparison of the present problems of the three or four leading nations. Prerequisites, Courses 51 and 52, or 63 and 64.

T., Th., S., 8:00. Mr. Woolery.

78. **International Law.** (3 Hrs.). The rules held to be binding between nations, with the changes wrought by the events of the past few years ,approached largely by means of cases. Prerequisites, same as for course 77.

T., Th., S., 8:00. Mr. Woolery.

PUBLIC SPEAKING

31-32. **Public Speaking.** (3 Hrs.). The fundamental principles of Expression are taught in this course. Correct methods of thought, feeling and will as these processes are related to expression are set forth. Careful training is given in the correct use of the four languages, tone, word, facial expression and gestures. Prerequisites, English 11-12.

T., W., F., 10:30. Mr. Calhoun.

33-34. **Debating.** (2 Hrs.). Both the science and art of dabating is taught. Much practice is required in the actual work of debating. The best methods of preparation of arguments and of their presentation is taught. Prerequisite, English 11-12.

T., Th., 9:00. Mr. Calhoun.

RELIGIOUS EDUCATION.

(Herbert Moninger Foundation of Bible School Pedagogy)

31-32. **Introductory Course.** (3 Hrs.). Affords to all students the opportunity of preparation for serving a local church school as teachers, general or class officers, group leaders. Deals briefly with organization, administration, methods, materials, child study, teacher training, various agencies of religious education, departmental activities. Credit not allowed those majoring in Religious Education.

and will not be counted in prescribed work for graduation.
T., W., S., 9:00. Mr. Miller.

35. **History of Religious Education.** (3 Hrs.). A historical study of the development of educational practice and theory in primitive society and within organized Christianity. Modern tendencies and movements. History of Sunday School from its genesis to present time.
T., Th., F., 10:30. Mr. Miller.

36. **Organization and Administration.** (3 Hrs.). Organization and work of the church school vacation Bible school, day school of religion, community training school A unified system of religious education correlated with other educational agencies of the community. A practical organization for young people.
T., Th., F., 10:30. Mr. Miller.

51. **Theory of Religious Education.** (3 Hrs.). Fundamental principles. Biological, psychological, and sociological factors. Functions of the family, the church, and the school. Not offered in 1922-23. Mr. Miller.

52. **Materials of Religious Education.** (3 Hrs.). Principles underlying the selection and preparation of lesson material. Critical analysis of graded and other material. Building up a curriculum. Selection and preparation of Biblical material for actual use in church school. Not offered in 1922-23. Mr. Miller.

57. **Psychological Principles of Childhood and Adolescence.** (3 Hrs.). A study of the facts of mental development throughout childhood and adolescence with special reference to the problem of moral and religious education. Prerequisite, Psychology 33-34.
T., Th., S., 8:00. Mr. Miller.

58 **Training for Leadership.** (3 Hrs.). Psychological principles, underlying group organization and leadership. Discussion groups, leaders of Boy Scouts, clubs, and kin

dred groups, Girl Scouts, organized classes, adult leadership in community life. Prerequisite, Psychology 33-34.
T., Th., S., 8:00. Mr. Miller.

71. **Methods in Religious Education.** (3 Hrs.). Study of entire field. The course consists of (a) two hours devoted to methods and class management, class organization, expressional activities ,teacher training, hand work, and (b) story-telling principles, sources, adaptation, practice in telling. Prerequisite, Psychology 33-34. Not offered in 1922-23. Mr. Miller.

72. **Worship, Music and Missions.** (3 Hrs.). Educational aspects of worship from the genetic point of view, and the function of worship in a religious educational system. Evaluation of hymns, special music, and pictures as mediums of impression and expression in the cultivation of the religious life. Instruction in missions and cultivation of missionary spirit in the church school. Prerequisite Psychology 33-34. Not offered in 1922-23 Mr. Miller.

SOCIOLOGY

51. **Principles of Sociology.** (3 Hrs.). Introductory course to acquaint the student with the fundamental principles of society and social development.
T., W., F., 11:30. Mr. Miller.

51. **Rural Sociology.** (3 Hrs.). Social, economic, and religious conditions in rural communities. Especial attention to place of rural church and rural school. Constructive and remedial forces receive emphasis. A continuance of Sociology 51.
T., W., F., 11.30. Mr. Miller.

71. **Poverty.** (3 Hrs.). A study of causes with an analysis of remedial forces and preventive agencies. Includes principles and methods of practical philanthropy. Prerequisite, Sociology 51-52.
T., Th., F., 2:30. Mr. Miller.

72. **Crime.** (3 Hrs.). Nature of crime, treatment of the criminal, evaluation of present remedial systems, critical analysis of the best corrective agencies. Prerequisite, Sociology 51-52.

T., Th., F., 2.30. Mr. Miller.

77. **Child Welfare.** (3 Hrs.). Normal child life in contrast with conditions that make for abnormality. Prenatal and postnatal health conditions, causes of disease and death, child labor and child labor laws. Prerequisite, Sociology 51-52. Not offered in 1922-23.

Mr. Miller.

78. **Immigration.** (3 Hrs.). A brief study of racial characteristics, followed by a detailed study of our national problem of immigration. Prerequisite. Sociology 51-52. Not offered in 1922-23.

Mr. Miller.

SPANISH.

*11-12. **Elementary Spanish.** (4 Hrs.). Thorough drill in pronunciation, inflections, elements of syntax and a good working vocabulary. The stress is put on oral work and loud daily preparation is obligatory. No credit for less than one year's work.

T., W., F., S., 11 30. Mr. Hering.

31-32. **Intermediate Spanish.** (4 Hrs.). Review of inflections, more detailed work in syntax, composition, dictation, memorizing, and reading of modern authors, not less than 300 pages. Work partly conducted in Spanish.

T., W., F., S., 10:30. Mr. Hering.

51. **Reading of Classical and Modern Authors.** (3 Hrs.). Reading, translation composition based on text and dictation. Outside reading. Memorizing.

T., Th., F., 1:30. Mr. Hering

52. Methods, Phonology and Composition. (3 Hrs.). First five weeks methods of teaching a modern language, balance of semester phonology and composition, original and based on text. Prerequisite, five semesters of Spanish. Reuired of all students majoring in Romance language or expecting to teach a Romance language.
T. Th., F., 1:30. Mr. Hering.

SUMMER SCHOOL

The Nineteenth Annual Summer School of Bethany College will be held from June 18th to July 27th.

SUMMER SCHOOL FACULTY

The Faculty of the Summer School will include several members of the Bethany and other college faculties. The work will be thorough and every effort will be made to equal the highest college requirements.

PURPOSES OF THE SUMMER SCHOOL

1. To offer teachers and those preparing to teach opportunity for larger service in their chosen profession.
2. To offer students of all colleges, and especially Bethany, work that may be credited upon the regular college course.
3. To provide courses of study adapted to the needs of all.

The work is intensive and thorough.

CREDIT

A student in the Summer School may complete six semester hours of college work. One hundred and twenty-four hours of work of college grade are required for any of the baccalaureate degrees. Fifteen units of preparatory work are required for college entrance.

SPECIAL BULLETIN

A special bulletin of the Summer School is issued by the college. This may be obtained by addressing the Office of the President.

REGISTER OF STUDENTS, 1921-22.

Graduate Students

Howes Thomas H.----Bethany, W. Va.
Hunter, Mrs. Minnie G.----Bethany, W. Va.
Jones, Joel Lee----Hollidays Cove, W. Va.

Seniors

Austin, Marian C.----Litchfield, Ill.
Anderson, Margaret J.----Pittsburgh, Pa.
Burdette, Ethel----Dennison, Ohio
Balsinger, Maude----Uniontown, Pa.
Bixler, Vinson H.----Mitchell, Ind.
Baker, Elizabeth----Mannington, W. Va.
Bucy, Valeria H.----Bethany, W. Va.
Bucy, Clifford----Bethany, W. Va.
Crandall, J. R.----Bethany, W. Va.
Cope, Rue Alice----Beaver Falls, Pa.
Cooper, Marvin----Cox's Mills, W. Va.
Carlisle, Floyd L.----Utica, Ohio
Campbell, Grace----Peoria, Ill.
Cox, Dessie Bea----Cameron, W. Va.
Dorsey, Katherine----Pittsburgh, Pa.
Darbyshire, Miriam----McComb, Ohio
Elsam, Ruby----Hatta, C. P., India
Ellis, W. R.----Bethany, W. Va.
Frank, Ira S.----Ephrata, Pa.
Griffith, Lottie----Republic, Pa.
Hyatt, Alfred----Connellsville, Pa.
Helme, Frank----Buffalo, N. Y.
Hagedorn, Helen----Bellaire, Ohio
Hottel, Grace----Steubenville, Ohio
Hurt, Mary----Pounding Mill, Va.
Hurt, Kate----Pounding Mill, Va.
Hershberger, Donald R.----Wilkes Barre, Pa.
Hayes, Gladys----Gambier, Ohio
Ishikawa, Yonosuke----Mujageken, Japan
Kakarise, Grace----New Enterprise, Pa.
Murphy, Olive----Newark, Ohio
Navarro, Manuel----Argentine, Buenos Aires
Redacre, Mrs. S. C.----Bethany, W. Va.
Strobel, Elwood----Cameron, W. Va.
Stewart, Fred K.----Winchester, Ill.
Steindorf, Jennie----Wheeling, W. Va.
Springer, Audrey P.----Crooksville, W. Va.
Smith, S. R.----Stoutsville, Ohio
Schwinger, E. C.----Tonawanda, N. Y.

Tsukada, Toyozo----------Osaka, Japan
Tuck, Robert S.----------Columbiana, Ohio
Van Sise, John W.----------Cuyahoga Falls, Ohio
Watson, Margaret----------Addison, Pa.
Watson, C. C.----------Norfolk, Va.

Juniors

Arnold, Lois----------Romney, W. Va.
Allen, Samuel S.----------Bellevue, Pa.
Booth, Jay Northrup----------Huntington, W. Va.
Boone, B. B.----------Jacksonville, Fla.
Burns, Jean----------Indianola, Iowa
Bromley, Don M.----------Hickory, Pa.
Beatty, Clarence E.----------Detroit, Mich.
Burns, Caroline----------Indianola, Iowa
Cundiff, Wood B.----------Columbia, Ky.
Coller, Floyd----------Bowling Green, Ohio
Donaldson, Frank----------Beverly, Ohio
Darsie, Leigh----------W. Homestead, Pa.
Elsam, Harold G.----------Hatta, C. P., India
Egbert, Mrs. T. R.----------Bethany, W. Va.
Francis, Carl----------Cadiz, Ohio
Gedeohn, Olive----------Buffalo, N. Y.
Goettling, C. C.----------Follansbee, W. Va.
Gillespie, Vere E.----------Ligonier, Ind.
Howell, Everett----------Cuyahoga Falls, Ohio
Holman, Grant----------Livingston, Tenn.
Hibler, Marian----------Bethany, W. Va.
Hibler, Anna----------Bethany, W. Va.
Herbster, William----------Pittsburgh, Pa.
Higgs, John L.----------Moundsville, W. Va.
Jacobs, Samuel W.----------Wellsburg, W. Va.
James, Gayle----------Deersville, Ohio
Kirk, Dorothy----------Des Moines, Iowa
Lee, Grace Agnes----------Barberton, Ohio
Lamb, T. Dec----------Bethany, W. Va.
McCormick, Denton----------Cameron, W. Va.
McKinney, W. H.----------Manchester, N. H.
Moser, Nellie----------Wheeling, W. Va.
Ryan, Mac----------Bethany, W. Va.
Ryan, Margaret----------Bethany, W. Va.
Russell, E. D.----------Pine Bluff, Ark.
Reinhold, Ernest M.----------Oakmont, Pa.
Randolph, Harry----------Dickerson Run, Pa
Steindorf, Margaret----------Wheeling, W. Va.
Smith, Gladys----------Sistersville, W. Va.
Simmons, Leo----------Dover, N. C.
Shafer, Paul----------New Castle, Pa.
Schneider, Clara----------Coal Run, Ohio

Seeley, John ..... Waterford, Ohio
Underwood, Frances ..... Buffalo, N. Y.
Woods, Emily ..... Plymouth, Pa.
Williams, A. R. ..... Sandusky, Ohio
Wilson, A. H. ..... Lockbourne, Ohio
Yoho, Mae M. ..... Huntington, W. Va.

Sophomores

Abbott, Merritt E. ..... Buffalo, N. Y.
Adams, John N. ..... Perryopolis, Pa.
Adkins, Roy ..... Decatur, Ill.
Broadley, K. T. ..... Joplin, Mo.
Bates, Thelma ..... Parkersburg, W. Va.
Baker, Sara ..... Mannington, W. Va.
Buck, William ..... Pittsburgh, Pa.
Barclay, Virginia ..... Crewe, Va.
Cook, Xantha ..... Fredericktown, Ohio
Carpenter, Glenn ..... Lorain, Ohio
Cannon, Sara M. ..... Mt. Vernon, Ohio
Dornbush, Frank ..... Steubenville, Ohio
Deemer, Helen T. ..... New Castle, Del.
Dunn, Finis ..... Braddock, Pa.
Earlywine, Ethel M. ..... Gambier, Ohio
Fitzgerald, Emmett ..... Parkersburg, W. Va.
Farabee, Florence M. ..... Washington, Pa.
Gepford, Sidney ..... Decatur, Ill.
Hutchinson, Martha E. ..... Huntington, W. Va.
Hurl Robert D. ..... Follansbee, W. Va.
Higbee, Edna ..... Shadyside, Ohio
Helfer, Walter D. ..... Wheeling, W. Va.
Hildreth, Agnes ..... Bethany, W. Va.
Hart, Don ..... St. Clairsville, Ohio
Hufford, Harold E. ..... Greenfield, Ind.
Joseph, Naomi Dott ..... New Lexington, Ohio
Jaras, Estanis ..... Washington, Pa.
Knapp, L. W. ..... Bethany, W. Va.
Kendle, E. F. ..... Faden City, W. Va.
Kelly, A. S. ..... Parkersburg, W. Va.
Kennedy, Violet ..... Bellaire, Ohio
Love, Mary ..... Cadiz, Ohio
Love, Francis ..... Cadiz, Ohio
Lineback, W. J. ..... Washington, D. C.
Lessner, John J. ..... S. Brownsville, Pa.
McCollam, Bertha G. ..... Uhrichsville, Ohio
McKinnis, Ruth ..... Bethany, W. Va.
McDermott, Irene ..... Pittsburgh, Pa.
Murray, Stephen E. ..... Philadelphia, Pa.
Mullen, Matis ..... Maysville, Ky.

Mulkin, C. D.----------Bethany, W. Va.
Morris, Harriette----------Shelby, Ohio
Miller, Mary Jane----------Bethany, W. Va.
Metze, Frederic----------Lowell, Ohio
Meacham, Cameron----------Pittsburgh, Pa.
Matthews, William J.----------Wellsburg W. Va.
Marsh, Lawton----------Bowling Green, Ohio
Noland, W. G.----------Wellsburg, W. Va.
Negron, Bernardo----------Porto Rico
Noland, W. G.----------Wellsburg, W. Va.
Oakes, Clarice----------Worthington, W. Va.
Rosino, Lynn G.----------Sandusky, Ohio
Robbins, Elizabeth----------McKeesport, Pa
Reger, Carl----------Littleton, W. Va.
Reed, Kenneth----------Elmore, Ohio
Stowe, Alma A.----------Uhrichsville, Ohio
Stevenson, L. B.----------Prince Edward Island, Canada
Slee, Martha M.----------Philipsburg, Pa.
Shipley, S. M.----------Baltimore, Md.
Sheets, D. E.----------Pittsburgh, Pa.
Turnbull, William----------Patterson, N. J.
Taylor, Jean----------Bethany, W. Va.
Wolford, Ray----------Mt. Gilead, Ohio
Wilhelm, A. R.----------Cameron, W. Va.
Wells, Noel----------Bethany, W. Va.
Wells, Linley----------Bethany, W. Va.
Wells, Edwin----------Ashland, Ohio
Warren, Julia----------St. Louis, Mo.
Wilfley, Katherine----------Washington, D. C.
Young, H. E.----------East Liverpool, Ohio
Zook, Earl----------Fairbury, Ill.

Freshmen

Babcock, Leota A.----------Lorain, Ohio
Baughman, Chester----------West Newton, Pa.
Blair, H. D.----------Perryopolis, Pa.
Barnhizer, Margaret----------Anderson, Ind.
Burns, Nelson----------Indianola, Iowa
Burdette, Everett----------Dennison, Ohio
Brocklesby, Florence----------Caledonia, Ohio
Brown, Arthur A.----------Dickerson Run, Pa.
Bodley, Betty E.----------Wheeling, W. Va.
Bell, Robert Wade----------West Alexander, Pa.
Bailey, A. B.----------Eldorado, Texas
Caldwell, Mary----------West Alexander, Pa.
Cundiff, Stanley----------Columbia, Ky.
Croxall, Kenneth----------Tiffin, Ohio
Cline, Celia----------Williamstown, W. Va.

Clay Golden----------Beckley, W. Va.
Dietrich, Martin----------Minerva, Ohio
Deemer, Edna M.----------New Castle, Del.
Davis, Dorothea----------S. Milwaukee, Wis.
Darsie, George J.----------Mt. Sterling,Ky.
D'Amico, Elizabeth----------Somerset, Pa.
Dye, Madge----------Hundred, W. Va.
Eyrich, Lester J.----------Lockwood, Ohio
Ellis, Fred C.----------Johnstown, Pa.
Elliott, George M.----------Peru, Ind.
Evans, Gomer----------Steubenville, Ohio
Friedrichs, Edward A.----------Echo Point, W. Va.
Foster, Arnot----------Bethany, W. Va.
Gandert, Albert----------Sheiby, Ohio
Gulley, Thomas B.----------Wellsburg, W. Va.
Green, C. Velmar----------Ashley, Mich.
Gordon, Luta M.----------Beech Bottom, W. Va.
Gillette, Rosemary----------Bridgeport, Ohio
Gehring, Clyde----------Dayton, Ohio
Hunter, Margaret E.----------Rochester, Pa.
Hinerman, Doris----------Cameron, W. Va.
Hess, Harry----------Bellbrook, Ohio
Henderson, Blake----------St. Clairsville, Ohio
Helphrey, Daniel----------Utica, Ohio
Hall, Charles A.----------Wellsburg, W. Va.
Idleman, Harold----------New York, N. Y.
Jacob, Louise----------Wellsburg, W. Va.
Johnson, Albert----------Uniontown, Pa.
Jean, Walter----------Dayton, Ohio
Kindleberger, Margaret F.----------Wheeling, W. Va.
Kimble, James----------Littleton, W. Va.
King, Thelma----------Cameron, W. Va.
Kidder, George T.----------East Liverpool, Ohio
Lukens, Virginia----------McMechen, W. Va.
Luce, Ralph W.----------Belle Vernon, Pa.
Luce, Jane----------Belle Vernon, Pa.
Longdon, Evelyn M.----------Pittsburgh, Pa.
Lewis, Theodore----------Bowling Green, Ohio
Lankler, Ralph C.----------Buffalo, N. Y.
Laporte, D. I.----------Adelaide, Pa.
Lemke, Andrew----------Buffalo, N. Y.
McCleary, James----------New Castle, Pa.
McFadden, William----------Bethany, W. Va.
McCollam, Mildred----------Uhrichsville, Ohio
McIntyre, Walter----------Fairmont, W. Va.
McGuire, Hugh M.----------Bowling Green, Ohio
Mudge, Sarah----------Covington, Ky.
Murray, Joseph L.----------Philadelphia, Pa.
Miller, Edwin S.----------Bethany, W. Va.

Marsh, Katherine----------Wellsburg, W. Va.
Mackay, Melvin----------Woodruff, W. Va.
Marling, Maurice----------Bellaire, Ohio
Meyer, Emil----------East Liverpool, Ohio
Morris Louise----------Shelby, Ohio
Naylor, Melvin M.----------Wheeling, W. Va.
Newman, Laura----------Hannibal, Ohio
Pour, J. R.----------Cleveland, Ohio
Pendleton, Cassil----------Eustis, Fla.
Payne, Victor----------Abilene, Texas
Patterson, Lawrence----------Hopedale, Ohio
Prichard, J. Theodore----------Leisenring, Pa.
Patterson, Robert L.----------Mingo Junction, Ohio
Roark, George W.----------Altavista, Va.
Riblet, D. C.----------E. Cleveland, Ohio
Reed, Edith----------Buckeye City, Ohio
Ray, Mary Lillian----------W. Middletown, Ohio
Rawdon, Helen M.----------Akron, Ohio
Sumpstine, W. J.----------Somerset, Pa.
Steen, Robert----------New Cumberland, W. Va.
Springer, Lois----------Crooksville, Ohio
Snyder, Helen Gladys----------Steubenville, Ohio
Smith, Harold S.----------Wheeling, W. Va.
Stine, Emmett----------New Martinsville, W. Va.
Shoemake, C.----------Oskaloosa, Iowa
Simmons, Lennie----------Dover, N. C.
Schell, Donald E.----------Ambridge, Pa.
Turley, Hollis----------Eden, Pa.
Turner, Virginia----------Cleveland, Ohio
Townsend, B. W.----------Cleveland, Ohio
Thompson, Helen----------Industry, Pa.
Terrill, Clarence----------Tacoma Park, Md.
Villers, Earl----------Littleton, W. Va.
Woods, Ralph----------Littleton, W. Va.
Whitney, Mary J.----------Parkersburg, W. Va.
Whitehead, Ralph----------Wellsburg, W. Va.
White, Lois----------Lancaster, Ohio
Wheaton, Harry D.----------Wheeling, W. Va.
Wharton, Eleanor----------Wellsburg, W. Va.
Whaley, R. J.----------New Castle, Pa.
Wells, Frieda----------Bethany, W. Va.
Ward, Normal----------Huntington, W. Va.
Walter, J. E.----------Oakmont, Pa.
Wallace, Marion----------Wheeling, W. Va.
Walther, Fred H.----------Kirkwood, Mo.
Yocum, Katherine----------Steubenville, Ohio

Special Students

Bennett, O. E.----Bethany, W. Va.
Boness, Bertha----Sharon, Wis.
Cameron, Glenn----Bethany, W. Va.
Cook, Perry J.----Albion, Pa.
Ellis, E. Wilbur----Johnstown, Pa.
Granger, Mary----Somerset, Pa
Hussey, Helen----Bethany, W Va.
Olsey, Theodore----Brooklyn, N. Y
Wiseley, Gertrude----Findlay, Ohio

Summer School—1921

Adams, John----Perryopolis, Pa.
Allen, Luvenia----Eldorado, Kansas
Bowman, Pearl----Wellsburg, W. Va
Birch, Lillie H.----Wheeling, W. Va.
Borland, Dorcas A.----Wheeling, W. Va.
Brokaw, Sara W.----Wheeling, W. Va.
Bender, Anna A.----Wheeling, W. Va.
Baker, Elizabeth----Mannington, W. Va.
Burig, Glenn----Bethany, W. Va.
Buchanan, P. P.----Unionport, Ohio
Bente. Alma H.----Wheeling W. Va.
Boone, Brace B.----Jacksonville, Fla.
Bryan, Ila K.----New Cumberland, W. Va.
Bixler, Vinson H.----Mitchell, Ind.
Beck, Esther----Follansbee, W. Va.
Brandon, Flora M.----New Cumberland, W. Va.
Bente, Elizabeth J.----Wheeling, W. Va.
Banting, Emma V.----Elmore, Ohio
Beshore, Dora H.----Mingo Junction, Ohio
Bambrick, Edna Daisy----New Cumberland, W. Va.
Caldcrwood, Laura----Wellsburg, W Va.
Crandall, J. R.----Bethany, W. Va.
Carpenter, Beatrice----New Martinsville, W. Va.
Cox, Dessie B.----Cameron, W. Va.
Culley, Raymond G.----Cameron, W. Va.
Calhoun, Margaret----Bethany, W. Va.
Caldwell, Maud----Wellsville. Ohio
Cox, Martha E.----Wellsburg, W. Va.
Dobbs, Mary Edith----Wheeling, W. Va.
Dornbush, Frank K.----Steubenville, Ohio
Dray, Vera M.----East Liverpool, Ohio
DeCamp, Alice D.----Moundsville, W. Va.
Evans, Mamie----New Cumberland, W. Va.
Evosovich, William----Steubenville, Ohio
Evans, Gomer D.----Steubenville, Ohio

Elder, Charles V.----------Millersburg, Ohio
Fink, K. Evangeline----------Wheeling, W. Va.
Francis, Carl C.----------Cadiz, Ohio
Frank, Ira----------Ephrata, Pa.
Fornwalt, Estella ----------Follansbee, W. Va.
Fornwalt, Edna----------Steubenville, Ohio
Freed, Ella M.----------Moundsville, W. Va.
Ford, Samuel J.----------Pittsburgh, Pa.
Fegan, Margaret R.----------Wellsburg, W. Va.
Gibbons, May----------Hundred, W. Va.
Hare, Jane T.----------Wheeling, W. Va.
Hays, Gladys----------Gambier, Ohio
Hershberger, Don R.----------Wilkes Barre, Pa.
Heldreth, Agnes----------Bethany, W. Va.
Hyatt, Alfred H.----------Connellsville, Pa.
Heaslett, Minnie E.----------Hollidays Cove, W. Va.
Hahn, Esther----------Moundsville, W. Va.
Hall, Vrginia----------Steubenville, Ohio
Hufford, Olive M.----------Eighty Four, Pa.
Hunter, Adah M.----------Collier, W. Va.
Hubbs, Georgie----------Glen Easton, W. Va.
Holman, Grant----------Livingston, Tenn.
Hinerman, Doris----------Cameron, W. Va.
Helme, Frank G.----------Buffalo, N. Y.
Johnston, Gayle----------Warsaw, Ohio
James, Cecilia E.----------Follansbee, W. Va.
Jaras, Estanislas A.----------Philippine Islands
Kirk, Ruth----------Wheeling, W. Va.
Kindleberger, Margaret----------Warwood, W. Va.
Knapp, Lewis W.----------Bethany, W. Va.
Levings, Fannie----------Romney, W. Va.
Lamb, T. D.----------Jacksonburg, W. Va.
Livingston, Della----------Rayland, Ohio
Lukens, Margaret E.----------McMechen, W. Va.
Lanfried, Olive Lee----------Cameron, W. Va.
Leonard, Dremard M.----------Williamsfield, Ohio
Lewis, Margaret J.----------Wheeling, W. Va.
Montgomery, Elizabeth----------Wellsburg, W. Va.
Moore, Mary T.----------Wellsburg, W. Va.
Marsh, Mary----------New Cumberland, W. Va.
Marshall, Ica----------New Cumberland, W. Va.
Marshall, Hazel----------New Cumberland, W. Va.
Maillard, Eugene----------Pittsburgh, Pa.
Miller, Mary Jane----------Bethany W. Va.
Miller, Elizabeth----------Steubenville, Ohio
Miller, Edwin S.----------Bethany, W. Va.
Massay, George----------Carrollton, Ohio
Martin Carrie----------Toronto, Ohio

Miller, Nella M.----------Steubenville, Ohio
Morrow, Nellie----------Paden City, W. Va.
Morrow, Mary----------Paden City, W. Va.
Manning, Sarah M.----------Moundsville, W. Va.
Marshall, Virginia----------New Cumberland, W. Va.
Mahan, W. E.----------Follansbee, W. Va.
Meacham, Cameron----------Pittsburgh, Pa.
Miller, M. Stanley----------Wellsburg, W. Va.
McClay, Jessie----------Washington, Pa.
McKown, Elizabeth----------Wheeling, W. Va.
McKinnis, Ruth----------Bethany, W. Va.
Nicholls, Mrs. Gertrude----------Wellsburg, W. Va.
Negron, Bernardo----------Porto Rico
Netting, Miriam----------Bethany, W. Va.
Netting, Ruth----------Bethany, W. Va.
Newman, Delora E.----------New Martinsville, W. Va.
Oden, Willard H.----------Ozark, Ohio
Pugh, Gladys----------New Cumberland, W. Va.
Patterson, Lawrence G.----------Hopedale, Ohio
Polen, H. D.----------Unionport, Ohio
Patterson, Agnes M.----------Jerusalem, Ohio
Pendergast, Margaret----------Littleton, W. Va.
Powelson, Fay----------Blue Rock, Ohio
Perry, Lillian Ash----------Bethany, W. Va.
Phillips, Beatrice----------Cameron, W. Va.
Roberts, Margaret----------Wellsburg, W. Va.
Robinson, Ersel----------Littleton, W. Va.
Riggs Edna Theodosia----------Cameron, W. Va.
Russell, Edward----------Pine Bluff, Ark
Richardson, Mary Louise----------Sistersville, W. Va.
Smith, Mary A.----------Wellsburg, W. Va.
Stewart, Minnie C.----------Wheeling, W. Va.
Statler, Ray C.----------Jewett, Ohio
Seese, Virginia----------Moundsville, W. Va.
Stealey, Bertha E.----------Bebott, W. Va.
Schwinger, Elton C.----------Tonawanda, N. Y.
Stratford, Daisy----------Follansbee, W. Va.
Scott, Aurice Valeria----------New Castle, Ohio
Scott, Florence I.----------Collier, W. Va.
Stanley, Hattie E.----------Newell, W. Va.
Tyers, Elia----------Wellsburg, W. Va.
Taylor, Robert----------Pittsburgh, Pa.
Tarr, Hazel----------Toronto, Ohio
Thompson, Marjie----------Newell, Ohio
Timmins, Elizabeth R.----------Cameron, W. Va.
Taylor, Gladys Ione----------Bethany, W. Va.
Tarr, Sara----------Toronto, Ohio
Ulrich, Evelyn K.----------Wheeling, W. Va.
Wood, Evelyn----------New Cumberland, W. Va.

Williams, Mary A.----East Liverpool, Ohio
Williams, Virginia----Moundsville, W. Va.
Wells, Noel D.----Bethany, W. Va.
Wells, Linley----Bethany, W. Va.
Wade, Joseph----Paden City, W. Va.
Wilson, Audrey----Follansbee, W. Va.
Wilhelm, A. R.----Cameron, W. Va.
Wood, Jean H.----Littleton, W. Va.
Young, H. E.----East Liverpool, Ohio
Zimmerman, Carrie----McMechen, W. Va.

Summary

Graduate Students	3
Seniors	44
Juniors	48
Sophomores	72
Freshmen	110
Special Students	9
Summer School—1921	142
Total	428
Names counted twice	32
Net Total	396

NOTE:—Of the 142 students attending summer school, 119 were of college rank.

INDEX

	Page
Accounts, Payment of	35
Administration Officers	5
Admission, Methods of	36
Agriculture, Teaching of	27
Agriculture, Courses in	42
Art, Fees for	34
Art, Courses in	45
Athletics	18
Biology, Courses in	46
Biblical Doctrine, Courses in	48
Board	33
Buildings and Grounds	12
Calendar, College	3
Chemistry, Courses in	49
Church History, Courses in	51
Chapel Attendance	25
Christian Associations	19
Class Attendance	27
College Band	20
Degrees	39
Deposits Required	35
Economics, Courses in	52
Education, Courses in	53
English, Courses in	54
Endowments	16
Enrollment, Method of	38
Examinations	22
Expenses	32, 33,34
Faculty	6
Fees for Music Instruction	33
Fees for Art Instruction	34
Fees, Special	34
Fraternities	20
Fraternity and Sorority Rules	26
French, Courses in	57
Geology, Courses in	58
German, Courses in	57
Glee Club	20

Page
Grading System 23
Greek, Courses in 58
Graduation Requirements—
In hours 39
In quality points 39
History, Courses in 59
Homiletics, Courses in 63
Home Economics, Courses in 61
Home Economics, Training 28
Laboratories 15
Laboratory Fees 34
Latin, Courses in 64
Library and Reading Rooms 15
Literary Societies 19
Loan Fund 17
Location of College 11
Majors and Minors, Requirement 40
Mathematics, Courses in 65
Merry Masquers 20
Ministerial Association 20
Mission Band 20
Music, Study of 31
Music, Graduation in 31
Music, Courses in 66
Music, Fees for 33
New Testament, Courses in 68
Old Testament, Courses in 69
Oratorical Association 19
Origin of College 11
Philosophy, Courses in 70
Physics, Courses in 72
Physical Education, Courses in 74
Political Science, Courses in 75
Psychology, Courses in 71
Public Speaking, Courses in 76
Quality Points, Requirement of 39
Registration, Late 25
Register of Students 83
Religious Education, Courses in 76

Page
Rooms, Engaging in Advance 24
Room Rent 32
Scholarships 17
Sociology, Courses in 78
Spanish, Courses in 79
Standing Committees of Faculty 10
Student Aid 17
Student Employment 17
Student Council 18
Student Publications 18
Summer School 81
Teachers, Training of 29
Teachers' Certificates, Requirements 30
Tuition 32

UNIVERSITY OF ILLINOIS-URBANA
3 0112 105580978